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Note:
Cov. cover portrait
d. drawing
p. photo
r. reproduction of painting
diag. diagram
c. color (e.g.—colored photo: c.p.)
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Houses that Unsquare the Cube. Fred R. Smith report on the new look in summer homes created by Architect Andrew Geller for Manhattan apartment dwellers; inexpensive designs provide spacious living quarters, plenty of sunlight. Farrell Grehan photos spotlight Betty Reese's cedar-shingled haven with triangular windows and catwalk, The Box Kite belonging to the Victor Lynns, Phil George's home with all-glass front. p., c.p. 29 Jl 40-45

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Getting Close to the Sun and the Stars. Bill Charmatz's portfolio of paintings shows ballplayers, spectators, photographers enjoying carefree atmosphere of Florida's spring training camps. c.r. 4 Mr 26-34

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The Step that Changed a Season. Artist Robert Handville, with help from Reporter Robert Creamer, recreates dramatic moment when Mickey Mantle ran into an outfield fence breaking a bone in his left foot. c.r. 17 Je 22-23

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The World's Master Caster. Francis Golden Paintings show Jon Tarantino demonstrating proper grip, double-line haul, deep-water and surf casting, how to hold monofilament line when casting with open-face spinning reel. c.r., r., cov. 8 Jl 30-36

East of The Race and West of the Cape. Nicholas Solovinoff's paintings depict Carleton Mitchell's tour in *Finisterre* of Mass. waters where American yachting began. c.r., r., c. map. 22 Jl 46-54

A Trial that Has the South Seething. Nicholas Solovioff drawings depict principal characters testifying in Butts vs. Curtis Publishing Co. trial. d., c.d. 5 Ag 18-21
Centennial for a Horse Town. Paul Davis paintings of members of those families responsible for preserving charm, traditions of Saratoga Springs, famous N.Y. resort celebrating one-hundred years of thoroughbred racing. c.r., c. map 5 Ag 34-39
Braque's Birds and Billiards. Georges Braque, famous modern painter who maintained a deep interest in nature and sports throughout his career, dies in Paris at 81. r. 9 S 13-14
The Men. Portfolio of paintings by Bob Peak captures color, excitement, physical violence of professional football as seen from field level at the sidelines. c.r. 9 S 36-45
Shooting in Mayo. Portfolio of paintings by Robert Andrew Parker depicts hunting season in Ireland. c.r. 7 O 38-43
Big Men on the Move Portfolio of paintings by Cliff Condak of traveling Cincinnati Royals during the long, lonely hours between games, a violent contrast to exciting, fast-moving action on the court. c.r. 28 O 40-45
Steinberg at the Races. Portfolio of paintings by Saul Steinberg depicts artist's own impressions of thoroughbred racing at tracks from Paris to Los Angeles. d., c.r. 11 N 40-47
Singing Rivers and a Sea of Mud. Dedicated angler Ellington White with illustrations by Nicholas Solovioff describes the inhospitable, cypress-studded waters of the Santee-Cooper, vast Carolina lake. c.d. 16 D 66-76
A Club to Suit a King's Fancy. Paintings by Franklin McMahon portray the varied facilities of Thailand's Royal Bangkok Sports Club. c.r. 23 D 78-85
Half a World Half a Day Away. Fred R. Smith's sportsman-traveler's Olympic-year guide to the Orient. c. map. 23 D 86-93

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The Winter Olympics. Fred R. Smith reports hotel accommodations, tickets are still available to those who would like to attend Olympic Games in Innsbruck, Austria; lodging rates, transportation, ticket prices noted. p. 12 Ag 52
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Moguls and Fast Pistes. Detailed report by Roy Terrell on St. Anton and Kitzbuhel, two outstanding ski resorts in Austria's Alpine region; excellent facilities available for after-ski hours and ski instruction. 25 N 53-54

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The Awful Auto Ride. Kenneth Rudeen reports Ford Falcons created biggest news in 2,500-mile Monte Carlo Rally, first serious American invasion in rally's history. Bo Ljungfeldt, Gunnar Haggbom drove one of three Falcon Sprint entries to victory despite treacherous, icy roads, penalties. p., c. map. 4 F 12-15, 46-47
Who's Afraid of the BRM? Kenneth Rudeen reports that the BRM (British Racing Motors) is favored to win Grand Prix championship again this year despite threats from two other British builders, Lotus and Coventry-Climax, Italy's Ferrari and ATS (Automobili Turismo Sport) car. p. 25 F 47-49
Big Smoke Screen in Daytona. Chevrolet has joined Ford, Chrysler in auto racing field, although GM denies breaking no-racing policy. Kenneth Rudeen reports '63 Chevrolets, equipped with new V-I engines, won two 100-mile stock car races in Daytona Beach, but lost "500" in Ford. p. 4 Mr 36-38
Tune-up for an American Assault. Kenneth Rudeen reports that Italian Ferraris, German Porsches won Sebring's first six prizes, but fine performances by U. S. entries—Chevrolet-engined Chaparral, Ford-engined Cobras, Corvette Sting Ray——created serious threat to Europe's domination of famous auto race. Carroll Shelby's Cobra ranked No. 1 among U. S. cars; Britain's John Surtees, Ludovico Scarfiotti of Italy drove Ferrari's first-place winner. p. 1 Ap 68-72
A Heretic with Great Expectations. Kenneth Rudeen reports rear-engined Lotus-Ford is threatening to outdate the Indianapolis "500" Offenhauser-engined roadster; cars, engines compared. Dan Gurney drives Colin Chapman's Lotus, powered by a Ford aluminum engine, at incredible speed during practice test at Indianapolis Motor Speedway. p. 15 Ap 72-73
Race Against Time and Tide in the Outback. Britain's Donald Campbell hopes to set new land-speed record in costly, four-ton auto *Bluebird* before floodwaters force evacuation of Australia's Lake Eyre area, site of nine-mile speed strip. p. 20 My 20-21
The '500' Under Attack. Kenneth Rudeen discusses threat by Grand Prix drivers in rear-engined racers to antiquate the "500" Offenhauser roadster; spotlights exciting Lotus-Ford designed by Britain's Colin Chapman, powered by Ford lightweight engine, and its originator Dan Gurney (biopers), top U. S. driver who, along with Jim Clark, will put racer to the test on Memorial Day at Indianapolis. p., cov. 27 My 18-21
End of an Affair. Auto racing fans happy over decision to end Ford-Ferrari alliance; Ford-engined Cobra may crack Ferrari monopoly of major prizes at Sebring, Le Mans. 3 Je 16
Two Against the Clock at Indy. Kenneth Rudeen reports J. C. Agajanian's Offenhauser roadster, driven by Parnelli Jones, finishes race at Indianapolis (p.) despite oil leak which drivers claim created hazardous track conditions; beats Jimmy Clark in Lotus-Ford, newcomer to "500", by 34 seconds, clock in Photographer Richard Meek's camera records seconds gained by Jones crew during third and final pit stop, compared to Clark's men on only stop of race. p. 10 Je 26-31, 70-72
Bugged, Aware of Lotus-Ford threat to antiquate Offenhauser roadster, Novi in Indianapolis "500," Novi owner Joseph Granatelli has asked U.S. Auto Club to set a minimum weight for Indy cars; '63 winner Parnelli Jones may switch from Offenhauser to Lotus-Ford in '64. 24 Je 8
Speed King? Or Just Son of Speed King? Kenneth Rudeen discusses sharp criticism aimed at Britain's Donald Campbell, son of sports hero Malcolm Campbell, who, credited with setting six water-speed records ('55-'59), has failed miserably since '60 in attempts to break land record in auto Bluebird. c.r. 29 Jl 56-61
Cool Run for an Old Hot Rodder. Hays Gorey reports new world land-speed record of 428.37 mph set on Utah's Bonneville Salt Flats by Craig Breedlove (brief biopers, quotes) in a jet-powered, missile-shaped, three-wheeled vehicle called the Spirit of America. Design, construction of the Spirit, international dispute over its classification. p. 19 Ag 46-51
The Old Guard Has to Call It a Day. Kenneth Rudeen account of 200-mile race in Milwaukee that marked beginning of new era in U.S. auto-racing; famous Offenhauser roadster, first in Indianapolis "500," places second to rear-engined, superlight Lotus-Ford driven by Jimmy Clark. British Lotus car powered by American Ford V-8, second and seventh at Indy, proved to "500" winner Parnelli Jones and others that the Offy is obsolete. p. 26 Ag 18-19, 49
The Offy Strikes Back. Rolla Vollstedt, Dick Martin and Tom Nehl have produced a racing car called the Tom Nehl GMC Truck Special that combines lightweight, rear-engine chassis, similar to Lotus-Ford, with powerful Offenhauser engine. 16 S 7
None So Swift As Wee Jimmy. Kenneth Rudeen interviews 27-year-old Racing Driver-Farmer Jim Clark, winner of Italian Grand Prix and youngest world champion in sport's history, at his farmhouse, Edington Mains, in Scotland. p. 7 O 28-36
Big Day for Clarkhunters at the Glen. Kenneth Rudeen account of exciting U.S. Grand Prix at Watkins Glen, N.Y., won for second straight year by Britain's Graham Hill whose BRM finished one lap ahead of race's favorite, Jim Clark of Scotland; fuel-pump trouble delayed Clark at start, his Lotus-Climax placed third. p. 14 O 26-28
A Roar of Triumph for U.S. Engines. Kenneth Rudeen reports record crowd of 82,000 attended California's Riverside Grand Prix won by Dave MacDonald in Ford-engined Cooper-Cobra, one of the many sports cars powered by American V-8s that proved superior to all-foreign models; last year's winner Roger Penske, driving a Cooper-Climax, placed second. p. 21 O 20-21
Whooping Baron of the Prairie. Joe David Brown closeup on Rancher-Businessman John Steele Zink, who runs a 10,000-acre ranch near Tulsa and the John Zink Co. like a benevolent feudal lord. Brown is a sports-car racing enthusiast with two Indianapolis "500" trophies won by Zink Specials. p. 4 N 60-70
Best Thing Since Napoleon, Paul Evan Ress takeout on one of world's most exciting, dangerous international sports-car rallies, Tour of Corsica, featuring 17,000 separate and distinct curves over an 820-mile course. c.p. 11 N 52-53

AUTOMOBILES
Slicked Up to Chase the Booming Beetle. Kenneth Rudeen reports Volkswagen rivals Renault Dauphine, British Motor Corporation's MG and Austin Healey fail to create excitement shown the little German beetle at New York's International Automobile Show; VW's Carl Hahn remains unalarmed over reports by Renault's Vincent Grob, BMC's H. J. L. Suffield. p. 22 Ap 51-53
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Sweet Explosion in the Air. Paul Ress byliner on friendly rivalry existing since 1951 between Pilots Jacqueline Auriol (biopers) of France and California's Jackie Cochran (biopers) over world airspeed record for women. p. 8 Jl 16-17
The Confederate Air Force Flies at Last. Dan Jenkins by-liner on unusual flying organization in Texas known as the Confederate Air Force, founded by Lloyd Nolen for purpose of collecting and preserving famous World War II fighter aircraft. p. 12 Ag 58-63

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A Tie for the Top and a Tribute to Bonnie. Jo Ahern Zill takeout on winners of 1963 SPORTS ILLUSTRATED Design Awards. Ellen Brooke and Rudi Gernreich share Sporting Look Award, Bonnie Cashin voted Designer of the Year. 6 My 48-50
SPORTS ILLUSTRATED grateful to twelve distinguished Americans who contributed valuable time to the judging of 71 candidates for this year's Silver Anniversary All-America Awards. 11 N 4
They Met the Challenges of a Changing Era. Brief sketches by Robert Cantwell on the 25 winners of SPORTS ILLUSTRATED's Silver Anniversary All-America Awards, college-football heroes selected for outstanding achievements, contributions made since their graduation in 1939, eve of World War II; twelve judges spotlighted. c.d. 11 N 64-66
A Very Hard Look at Football. 1963 Silver Anniversary award winners compare the value of college football today with the 1938 version; several winners quoted. c.p., p. 2 D 38-44

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BANQUETS
The Laughing Season. Sports banquet period is at its peak. Gerald Holland spotlights various dinners sponsored by sportswriters, radio

and TV broadcasters across the country; toastmasters, principal speakers include old-time ballplayers, big-time coaches, football immortals and show business personalities. p. 14 Ja 48-53

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Sherlock Holmes, Sportsman. Study by member of The Baker Street Irregulars, of life, adventures of Sherlock Holmes and observations recorded by friend Dr. John H. Watson reveals London's great detective was an equally skilled athlete despite addiction to cocaine, strong spirits. 27 My 34-46

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Reports that Scuba Divers John Light and Palmer Williams suffer dangerous effects of contaminated compressed air inhaled from tanks used while exploring sunken wreck off New Jersey coast. 29 Jl 51
Reports on Ralph O. Hoge's ingenious recoil-absorbing device called the Hydro-Coil. 9 S 89-92
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Vintage Year for Champions. Thirteen-page photo essay spotlights '62 champions, runners-up who helped create decisive moments in sport: Willie Mays, Maury Wills. c.p., p. 7 Ja 22-34
Striking Change. Strike zone in baseball has been enlarged to include area from shoulders to knees. 4 F 8
Big-City Farmers. Yankee farm system has been crumbling since Lee MacPhail left in '59 to join Orioles, now in last place in "farm club" standings. 11 F 12
Let's Wait and See. Change in baseball's strike zone has been announced officially, but whether it will be used will not be known until the season opens. 18 F 8
Leo: Under the Sunset Gun. Robert Cantwell reports that Hollywood living, friendships with various show business personalities gave baseball's hot-tempered Leo Durocher (biopers) yearning for theatrical career, but after five years as NBC executive he anxiously accepted job as third-base coach with Dodgers. p. 18 F 20-24
Invasion from Santo Domingo. Robert Cantwell discusses baseball in the Dominican Republic before, after Dictator Trujillo's assassination; present boom credited to Horacio Martinez, famous Giant scout. p. 25 F 54-61
An Urgent Matter of One Index Finger. Dodger's left-handed Pitcher Sandy Koufax, in article by Robert Creamer, discusses unusual injury to left index finger suffered during '62 season; although healed, finger's severest test will come during spring training. p. cov. 4 Mr 20-25
Getting Close to the Sun and the Stars. Bill Charmatz's portfolio of paintings shows ballplayers, spectators, photographers enjoying carefree atmosphere of Florida's spring training camps. c.r. 4 Mr 26-34
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An Innocent Abroad on the Baseball Diamonds. New York adman Ed Graham, equipped with fake press card and cheap camera, visits and converses with baseball stars at Cubs' spring training camp in Mesa, Ariz. Article spotlights Warren Spahn, Ernie Banks, Willie Mays, Alvin Dark, Eddie Mathews, Duke Snider, Leo Durocher; amusing incidents. p. 18 Mr 64-70
The Slambang of Baseball. Portfolio of color, action photos shows ballplayers using elbows, arms, legs, spikes to throw basemen off balance, or out of play. c.p. 8 Ap 38-44
Scouting Reports. Robert Creamer discusses importance of individuality in baseball in article preceding analysis of National and American League teams by William Leggett, Tom C. Brody, Herman Weiskopf, Frank Deford; hitting, fielding, pitching, problems of each. p., cov. 8 Ap 45-83
Out of the Park on a Half Swing. Barbara Heilman byliner on quiet, sensitive Minnesota Twin Outfielder Harmon Killebrew (biopers) who, seemingly unknown to press and public, has become baseball's leading producer of home runs; early career with Washington Senators reviewed. r., cov. 8 Ap 85-92
Rookies, Rookies Everywhere, and Even JFK Is Talking. Tom C. Brody discusses baseball records, skills of six young players—Tom Brown, Bob Bailey, Vic Davalillo, Tommy Harper, Pete Ward, Nate Oliver. p. 15 Ap 65-66
Just a Second. William Leggett discusses National League controversy over enforcement of longstanding balk rule, disregarded by American League umpires. Crackdown caused by NL growth in running speed which forced pitchers to develop quick pitches to protect themselves; managers, pitchers, Leagues' presidents comment on subject. p. 22 Ap 14-15, 54-57
A Hot Team in the Old Town. William Leggett reports winning Philadelphia Phillies, creating unrest in a city that loves losers, may finish '63 season in first division for first time in seven years; team's improvement credited to work of General Manager John Quinn, Manager Gene Mauch (biopers), excellent performances by Pitcher Arthur Mahaffey (biopers), other young players. p., cov. 29 Ap 18-21
Our Own Petard. U.S. baseball team defeated again in Pan American Games, reason: difficulty in recruiting good players. 6 My 10
End of Travesty. After a three-week trial, the National League has decided not to enforce the balk rule. 6 My 14
The Quaint Cult of the Mets. Robert Creamer discusses sincerity of N.Y. baseball fans who enthusiastically root for Casey Stengel's Mets despite team's last-place position in NL in '62 and problems of traveling to, viewing games at the Polo Grounds. p. 6 My 61-63
The Trouble with Walter. Robert Creamer contends that critics who blame Manager Walter Alston for lack of pennant wins in Los Angeles are overrating the Dodger ball club; ten-year managerial record with team reviewed. p. 13 My 54-56
A Rational Rebel in Pinstripes. Yankee Shortstop Tony Kubek (biopers) speaks out against baseball salaries, schedules, managers, spring training in article by Leonard Shecter; published opinions of "clubhouse lawyer" disturb Yankee front office, but his unusual baseball ability is a valuable asset to team. p. 13 My 76-92
Everything's Green & Gold in Kansas City. Walter Bingham attributes increase in attendance at Kansas City's Municipal Stadium to Athletics' remarkable lead in the AL, Owner Charles Finley's enthusiasm, promotion ideas which include team's green and gold uniforms; spotlights Shortstop Wayne Causey, team hero. p. 20 My 24-30
Yaz, Boston's Razzmatazz. Robert Creamer compares hitting, fielding of sensational Left Fielder Carl Yastrzemski of Boston Red Sox to that of Ted Williams. p. 20 My 63-66
A Gift for Making a Bad Situation Much Worse. Robert Creamer closeup on Yankee Roger Maris, star of '61 season when he broke Babe Ruth's home-run record, now despised by sportswriters, N.Y. fans, booed in every ball park because of his contempt for all. 27 My 48-49
Albie Pearson: The Littlest Angel. Gilbert Rogin personality sketch on Los Angeles Angels' 5'5" Center Fielder Albie Pearson (biopers) whose fierce spirit, determination, deep religious convictions combine to make him a successful and unusual ballplayer. p. 27 My 62-75
The Spitter Is Back. William Leggett discusses baseball controversy over increased use of the spitball, outlawed in 1920, which officials claim is reason for extraordinary performances by Pitchers Whitey Ford, Orlando Peña, Don Drysdale and others in '63 season. p., r. 3 Je 18-21
With Mirrors, Flat Gloves and Sawed-up Bats. Robert Creamer spotlights unique training aids, coaching techniques of Florida State University Baseball Coach Danny Litwhiler. p. 3 Je 56-58
Honest Warren Giles: He Always Strives to Please. Gerald Holland byliner on amiable National League President Warren Giles, criticized recently by managers, players, sportswriters, broadcasters for enforcement, rewriting of balk rule. p. 10 Je 32-41
The Big League Batter with the Built-in Slump. Robert Creamer analyzes problem of weak-hitting pitchers, spotlights Chicago Cubs' Bob Buhl who batted an incredible .000 in 1962. p. 10 Je 66-69
The Step that Changed a Season. Artist Robert Handville, with help from Reporter Robert Creamer, recreates dramatic moment when Mickey Mantle ran into an outfield fence, breaking a bone in his left foot. c.r. 17 Je 22-23
The Moody Tiger of the Reds. Morton Sharnik closeup on Cincinnati Red Outfielder Frank Robinson, shy among friends, feared by opponents aware of his ruthless determination to win ball games; National League's Most Valuable Player of '61 discusses feuds, incidents on and off the field, lifelong devotion to baseball. p. 17 Je 32-44
For the Want of a Warning a Pennant Was Lost. Robert Creamer reports Mickey Mantle, running to catch ball hit by Oriole Brooks Robinson, hooks spikes in mesh of seven-foot center-field fense breaking bone in his left foot. p. 17 Je 68-71
The Pitching Explosion in Paradise. Myron Cope discusses Pittsburgh Manager Danny Murtaugh's eleven-man pitching staff—Don Cardwell, Tommie Sisk, Roy Face, Don Schwall, Alvin McBean, Joe Gibbon, Bob Friend, Harvey Haddix, Vernon Law, Earl Francis, Bob Veale—and problem of winning NL pennant without sufficient support from team's hitters. p., cov. 24 Je 22-28
The Fork Ball and Roy Face. Tom C. Brody reports fine annual performances on the mound have made Pittsburgh's Roy Face the National League's best relief pitcher. cov. 24 Je 24
The Invisible Man on the Mound. Robert Creamer closeup on Baltimore Oriole Dick Hall (biopers) who, despite ten years in major leagues and excellent record as relief pitcher, is almost completely unknown to baseball fans. p. 24 Je 41-42
The All-Stars. SPORTS ILLUSTRATED reveals its selection for National and American League All-Star teams, lists batting order with three pitchers, a relief pitcher for each. 1 Jl 7
Fire the Handicapped. Detroit Manager Bob Scheffing, coaching staff fired following a series of Tiger defeats; rumored trainer and clubhouse boy would be next; Chuck Dressen hired to take Scheffing's place. 1 Jl 15
Bill Dailey, Won't You Please Come In. William Leggett takeout on newly improved Minnesota Twins who, enlivened by sensational performances of Relief Pitcher Bill Dailey and Shortstop Zoilo Versalles, could be a serious threat to Yankee dominance in the American League. p. 1 Jl 26-27, 46-47
Big Willie's Private War with Cousin Don. Robert Creamer report on fantastic batting averages of Giant Willie McCovey, an erratic power hitter, against one of baseball's greatest pitchers, Dodger Don Drysdale. p. 1 Jl 38-39
Off Limits. Baseball officials are taking steps to prevent scandals similar to those disclosed by the NFL; certain popular "spots" in Kansas City and Milwaukee frequented by gamblers have been declared off limits for players, coaches, umpires. 8 Jl 6
If It Isn't One M It's Another. James Drake photographs Yankee slugger Mickey Mantle in Joplin, Mo. and with family in Dallas home where he is recuperating from foot injury suffered one month ago; Roger Maris, hitting everything from bunts to homers (chart), keeps pennant hopes alive. p. 8 Jl 10-15
Oops, There Goes Another Old Shrine. Robert Creamer discusses possible destruction of another baseball field, Busch Stadium, originally called Sportsman's Park when opened in St. Louis in 1866; Cardinals' new $23,000,000 Busch Memorial Stadium to be ready for '66 season. p. 8 Jl 46-47
Boot a Few, Bat a Million. Robert Creamer spotlights restless Chicago White Sox Rookie Pete Ward (biopers), key player in big off-season trade with Baltimore. p. 15 Jl 48-50
Dick Groat and His Hitting Machine. Walter Bingham spotlights Dick Groat (biopers), new Cardinal shortstop responsible for amazing teamwork displayed by hard-hitting Infielders Ken Boyer, Julian Javier and Bill White who may lead St. Louis to its first NL pennant victory in 17 years. p., cov. 22 Jl 32-34
Tell You What You Ought to Do, Commissioner Frick. Robert Creamer, disturbed by attendance drop and lack of excitement at All-Star Game at Cleveland Stadium, suggests changes in voting method, promotion and organization that would help to enliven baseball's biggest spectacle. 22 Jl 37-38
The Very Best Act in Town. Jack Olsen byliner on baseball's 27-year-old pitching sensation, Sandy Koufax of the Dodgers; early-career difficulties. p. 29 Jl 20-22, 53
Beanballs and Other Headaches. Report by Robert Creamer on topics discussed in dugout during Reds-Cardinals series: St. Louis Manager Johnny Keane, Cincinnati Coach Jim Turner deny Alvin Dark's charge that pitchers deliberately throw at a batter's head; costly mistakes of Houston's Rusty Staub; Reporter Jack Herman recalls incident involving Umpire Al Barlick. 29 Jl 52
The Vacant Chair. Jim Baten, 20-year-old pitcher owned by the Giants and currently playing for Lexington, N.C. in the Western Carolinas League, this spring struck out 21 batters in 12-inning game, is averaging 1½ strike-outs per inning. 5 Ag 9
Secret Weapons Save the Yanks. Robert Creamer spotlights Steve Hamilton, Harry Bright, John Blanchard, Hector Lopez, Jim Bouton, Al Downing, Hal Reniff and Phil Linz, Yankees unknown to most baseball fans who are successfully filling positions vacated by Mantle, Kubek and other valuable players injured this season. p. 5 Ag 12-15
Is the Ball Deader? Hitters Are Dying. Tom C. Brody discusses alarming drop in AL, NL batting averages caused by younger, stronger,

smarter pitchers, change in strike zone and weight of ball which, according to Dr. F. A. Wallace of Haller Testing Laboratories, is 5% lighter than '61 Spalding product. p. 12 Ag 10-15

The Free-swinging Angel Who Never Fears to Tread. Robert Creamer report on Angels' Left Fielder Leon Wagner, AL All-Star, who knows that an uncontrollable desire to swing at any pitch, good or bad, is reason for his current batting slump. p. 12 Ag 46-49

Little League and Big Buck. Insurance Commissioner William E. Timmons of Iowa declares Little League officials' move to have country's 48,000 teams insured by one company, American Casualty, is illegal. 19 Ag 8

Just How Dumb Can They Be? Baseball's most unappealing but challenging and secure position belongs to the catcher; Photographer Walter Iooss Jr., Neil Leifer capture three of today's best in action: Angels' Bob Rodgers, Clay Dalrymple of the Phillies, Giant's Tom Haller. c.p. 19 Ag 28-32

The Day When All the Sentiment Stands Still. Robert Creamer joins baseball fans at Doubleday Field in Cooperstown for annual Hall of Fame alumni day festivities; takeout on New York's charming museum town. New inductee Elmer Flick, credited with sensational major league record, declares at 87 that it is the biggest day of his life. p. 19 Ag 56-57

Crossing the Delaware with Alvin Dark. Robert Creamer closeup on Alvin Dark who continues to manage the San Francisco Giants with the same intense dedication to success despite sharp criticism of his methods. p. 26 Ag 46-48

On the Trail of a Hero. Ad Man Ed Graham travels to Kansas City to report, photograph typical day in life of New York Yankee Mickey Mantle; at airport, hotel and stadium the great slugger is pursued by youngsters seeking autograph or just a glimpse of their baseball hero. p. 26 Ag 50-55

Dodgers in a Dogfight. William Leggett reports league-leading Dodgers confident of winning NL pennant, avoiding repetition of last year's tragedy; loss of Pitcher Sandy Koufax, batting slump of First Baseman Ron Fairly, others caused downfall in last month of '62 race. Review of '63 season, recent triumph over Cardinals now tied for second with Giants; Walter Alston, blamed for '62 collapse, is strong, able manager. Dodgers to play Giants in crucial four-game series. p., cov. 2 S 8-13

Old Stonefingers—Best Show Around Boston in Years. Robert Creamer spotlights Red Sox First Baseman Dick Stuart who, despite his inability to field ground balls, delights Boston fans as a leading home run hitter. p. 2 S 42-45

A Success Is Killing the American League. William Leggett blames Yankee domination of AL for major drop in attendance, present financial crisis: ten-team league cannot exist on drawing power of one team; particular problems of Angels, Athletics, Indians, possible corrective measures. Graph compares AL, NL attendance since 1955. chart, c.d. 9 S 18-21

The Night the Dodgers Got the Monkey Off Their Back. Robert Creamer account of dramatic moment in third inning of second game between Dodgers and Giants when Pitcher Don Drysdale, with one man on base, struck out Giant Willie McCovey who had batting average of .431 against Drysdale. 9 S 70-72

Show of Hands for the No. 1 Arm. William Leggett spotlights popular Dodger Pitcher Sandy Koufax whose sensational record this season will enable him to name own salary in '64. p. 16 S 18-19

The Annual Rite of Fall. Robert Creamer reports that more baseball managers have been fired in last ten years than in any other decade in sport's history; present managers rated according to the probability of being fired by fall 1964. p. 16 S 49-51

Story that Never Ends. Black Sox Scandal of 1919 reviewed in full by Eliot Asinof in book entitled *Eight Men Out;* author destroys several myths about swindle involving Chicago White Sox players who planned to throw World Series to Cincinnati Reds. 23 S 14-16

The Desperate Chase. Photos capture St. Louis Cardinals in action during crucial week in NL pennant race: Stan Musial pursues, grabs a seemingly uncatchable foul fly, Tim McCarver scores on bad throw to Milwaukee Catcher Del Crandall, Bob Gibson slams home on infield hit. p. 23 S 20-21

The Fabulous Seven Days. William Leggett records highlights of Cardinals' seven straight victories of Sept. 9-15 (four-game series with Cubs and three with Braves, that cut Dodgers' lead in NL pennant race from seven games to three. p. 23 S 22-25

Back at the Rococo Ranch . . . Arnold Roth drawings show Los Angeles citizens—movie star, mortician, evangelist, muscle boy at beach—performing their daily rituals but concerned only with NL pennant race and possibility of Dodgers losing lead at season's end as they did in '62. d. 23 S 26-27

Nothing Stopped the Dodgers. Robert Creamer reports on the Dodgers' crucial three-game series against St. Louis Cardinals who trailed the NL leaders by one game; superb pitching by Sandy Koufax, Ron Perranoski enabled Dodgers to win all three games, NL pennant. d. 30 S 26-27

Who Will Win the War of the Lefties? Left-handed pitching will decide outcome of World Series between Yankees and Dodgers; speed, Pitchers Sandy Koufax, Johnny Podres, Ron Perranoski should win championship for Los Angeles despite Yankee lefties Whitey Ford and Al Downing. c.d., cov. 30 S 28-29

Last Time Around with Stan. Theodore M. O'Leary account of 42-year-old Stan Musial's last NL tour; great gentleman of baseball is retiring after 22 seasons with the St. Louis Cardinals, but will remain active in the sport as club's vice-president. p. 7 O 20-25

Koo-foo the Killer. William Leggett detailed report on each of the four Dodger-Yankee World Series games won by Los Angeles; speed combined with the brilliant pitching of Sandy Koufax, Johnny Podres and Don Drysdale crushed AL champions despite fine performances by Whitey Ford, Al Downing, Jim Bouton and others. c.p., p. 14 O 18-25

Analysis by an Expert. Cincinnati Reds Manager Fred Hutchinson discusses Dodgers' sensational four-game World Series victory over Yankees with SPORTS ILLUSTRATED'S Robert Creamer; pitching of Sandy Koufax, Don Drysdale and Johnny Podres proved too strong for the AL champions. p. 14 O 25

Yankee Economics. Yankee Co-Owner Dan Topping announces that Catcher Yogi Berra agreed to cut his salary to $35,000 for job of manager. 4 N 7

'I Got a Touch Like a Blacksmith.' Gerald Holland article in which former Yankee Catcher Yogi Berra discusses various aspects of new job as N.Y. manager with fellow members of New Jersey's White Beeches Golf and Country Club while on annual golfing holiday at Pinehurst Country Club in N.C. p. 11 N 28-35

Mitchell's Record. One of the last honest spitball pitchers, Clarence Mitchell, dies at 72; baseball career, World Series record reviewed. 18 N 15

The Miniature McCoy. Photographs by Ken Heyman focus on latest fashion news in childrens' sporting equipment; including necessary attire for baseball. c.p. 2 D 46-51

New Yankee Manager Lawrence E. Berra gave reassurance that Stengelese is not a dead language at the New York Yankee clubhouse, when he discussed his reading habits for the press. 9 D 64

Los Angeles Angel Robert (Bo) Belinsky, is included in Cleveland Amory's *Celebrity Register* as he launches his own nightclub act. 9 D 64

BASKETBALL

Once Again to Nowhere. U.S. basketball team may win Pan American Games but is not strong enough to beat Russia in world tournament in Rio de Janeiro; illogical method of selection is reason why our best players are not used. 22 Ap 8

Spirit, Mind, Body. Robert H. Boyle reports on Springfield College (takeout) which specializes in physical education and youth leadership; responsible for founding several major youth organizations and inventing basketball. p. 2 D 76-92

College

Week's results compiled by Mervin Hyman: 14 Ja 56; 21 Ja 69; 28 Ja 55; 4 F 58; 11 F 73; 18 F 62; 25 F 62; 4 Mr 69; 11 Mr 75; 18 Mr 72; 25 Mr 72; 1 Ap 101; 16 D 80; 23 D 100

A Fast Shuffle in Dixie. Dan Jenkins reports Auburn defeated Houston 71-69 in basketball's Sugar Bowl Tournament following Houston's upsetting victory over Mississippi State. p. 7 Ja 46-47

Frank Deford's weekly college basketball results. 7 Ja 58-59

Life in the Valley of Death. Walter Bingham's report on best basketball league in country, Missouri Valley Conference: Bradley, Drake, St. Louis, Wichita, Tulsa, North Texas State, Cincinnati. p. 21 Ja 52-54

Mossie Murphy's Crusade. Myron Cope's byliner on fat, indefatigable Maurice (Mossie) Murphy, Duquesne U. basketball recruiter responsible for team's tremendous improvement in last three years yet unpopular with Coach Red Manning, Holy Ghost Fathers, others because of his boisterousness, unpredictable behavior. p. 28 Ja 18-23

Two Ways to Be Ranked 1-2. Walter Bingham's account of exciting basketball doubleheader in which country's top teams, Loyola of Chicago and Cincinnati, beat Santa Clara and third-ranked Illinois with two contrasting styles of play. Loyola's Arthur Morse arranged games. p. 4 F 16-17, 48

The Coach of Every Year. Walter Bingham reports Edwin Lewis Jucker, U. of Cincinnati's basketball coach for past three years, may win third straight NCAA championship. d. 11 F 47-50

Big Days in the Pea Capital. Tom C. Brody reports spectacular Center Gus "the Great" Johnson, U. of Idaho sophomore, is the pride of basketball-crazy Moscow, Idaho. 18 F. 50-52

Cincy Goes for a Third. John Underwood discusses strengths and weaknesses of college basketball teams participating in NCAA championship, predicts Cincinnati will beat Duke in finals, become first team to win it third straight title. Spotlights ten of tournament's best players. p., chart. 11 Mr 24-29

Repeal of the Unwritten Law. MSU's board after receiving petition signed by students and alumni, voted to allow its basketball team to play in NCAA tournament against Loyola of Chicago, ignoring unwritten law forbidding college to participate in tournaments involving desegregation teams. 18 Mr 10-11

Games that Are a Ball for All. John G. Zimmerman's color photo essay captures highlights of '62 NCAA basketball championship playoff involving four teams, won by Cincinnati in final game against Ohio State enthusiasm among spectators, players. c.p., cov. 18 Mr 30-36

A Storm Blows In on Sunshine Square. John Underwood reports UCLA caused biggest upset of basketball season by beating Stanford and Cal in last two days of race for Big Six championship. 18 Mr 60-62

The Gunners Are After Cincy. John Underwood previews NCAA basketball championship which Cincinnati will try to win for third straight year by defeating regional winners, Duke, Oregon State, Loyola of Chicago; review of games played for NCAA regional titles. p. 25 Mr 22-25

The Ramblers Wreck Cincy. John Underwood describes NCAA basketball championship game in which Cincinnati was defeated 60-58 by Loyola of Chicago; Coach Ireland's fast-moving team forced Cincy to make mistakes, get into foul trouble, lose 15-point lead. Cincinnati Coach Jucker comments on game. p. 1 Ap 22-25, 82

The Almost Perfect Pilgrimage of Boop and His Group. Walter Bingham spotlights Boop Rodenberg and friends whose wild enthusiasm, loud cheering, hand-painted signs were typical of Cincinnati fans present at NCAA basketball championship game; despite fans' support, Cincy was defeated by Loyola of Chicago. p. 1 Ap 24-25

Healthy, Growing Boy. Basketball Coach Tex Winter has signed Nick (The Stick) Pino to play for Kansas State. 29 Jl 10

1964 College Basketball. Introduction to Special Issue previewing College Basketball notes popularity among smaller colleges and new recruiting trends. 9 D 34-35

When Notre Dame is on the Road. Photo essay by Marvin E. Newman spotlights Notre Dame basketball team's trip last Feb. to Detroit and New York; team meets Coach Jordan's friend Jim Sheils. c.p. 9 D 36-41

Scouting Reports. Rundown on college basketball's top 20 teams: NYU, San Francisco, Michigan, Wichita, Villanova, Loyola, Cincinnati, Duke, Kansas State, Arizona State, Bradley, Notre Dame, Oklahoma City, Georgia Tech, Texas, Davidson, Stanford, Vanderbilt, Oregon State, Utah State; stars' past performances, '64 predictions, 10 other promising teams noted. p. 9 D 43-54

Go Get 'Em, Coaches! John Underwood closeup describes hilarious and revealing recruiting missions of four top basketball Coaches, Tex Winter of Kansas State, Gene Gibson of Texas Tech, Horace (Bones) McKinney of Wake Forest and Jack Gardner of Utah. c.d. 9 D 82-94.

No Fast Break for the Cooz. William Leggett article spotlights former N.B.A. All-Star Bob Cousy (p.), beginning his first season as basketball coach for Boston College. 16 D 20-21

Ambush of a Don Patrol. Frank Deford reports U. of San Francisco Basketball Coach Pete Peletta and the Dons, the best USF squad since the days of Bill Russell, are having an epidemic of bad luck once again as they lose to Oklahoma City. 23 D 100

High School

The Only Game in Panguitch, Utah. John Underwood's byliner with photos by Rich Clarkson spotlight town of Panguitch, Utah and the enthusiasm of residents for high school basketball team and its star Wally Ortman. p. 4 Mr 56-66

There Is No Joy in Panguitch. Panguitch High upset by Union High in first round of state basketball tournament, but won consolation tournament. 25 Mr 9-10

Professional

Slimmer Pickings. Decision of West Virginia's All-America Guard Rod Thorn not to play pro-basketball has left NBA's already weak draft list with only a few first-round picks. 25 F 8

Basketball at Its Toughest. William Leggett reports on feuding coaches and players of old, experienced Boston Celtics and young, sensational Los Angeles Lakers battling for supremacy in NBA; hard-playing teams split last two games. Box: how the two teams match up. c.d., p. 25 F 12-17

Last Fling for a Wizard. Report by John Underwood on last game of seven-game series in pro-basketball semifinals in which sensational Bob Cousy, playing his last season, led Boston Celtics to victory over Cincinnati Royals; Celtics battling for fifth straight

NBA championship in finals against Los Angeles Lakers. p. 22 Ap 16-17, 58-60
Up to Their Old Tricks. William Leggett reports "old" Boston Celtics won their fifth consecutive NBA championship by defeating Los Angeles Lakers in final game before an enthusiastic crowd at Los Angeles Sports Arena. Celtic Bob Cousy, in the last game of his career, plays brilliantly despite sprained ankle. p. 6 My 53-56
Prime Viewing. In January the National Basketball Assn. will sponsor television coverage of pro-basketball games. 29 Jl 8
The NBA Gets a New Image. William Leggett predicts valuable changes, additions made by National Basketball Assn., headed by new President J. Walter Kennedy, will give league its most important, prosperous season in 18 years; Rookies Jerry Lucas of Cincinnati Royals, Art Heyman of N. Y. Knickerbockers spotlighted as artistic and financial assets to improved NBA. p., cov. 28 O 30-31
Scouting Reports. Los Angeles Lakers predicted to win NBA title in West and championship, Boston Celtics could be upset in East. 28 O 32-39
Big Men on the Move. Portfolio of paintings by Cliff Condak of traveling Cincinnati Royals during the long, lonely hours between games, a violent contrast to exciting, fast-moving action on the court. c.r. 28 O 40-45
"We are Grown Men Playing a Child's Game. Gilbert Rogin closeup on center and co-captain of Boston Celtics Bill Russell, (biopers) including Russell's observations on Negro-white crisis and his role in it. Wants recognition and acceptance as a b'ack individual according to merit, criticizes weak points of N.B.A. p. 18 N 74-90.
The Year of the Knees in the NRA. William Leggett reports that many pro-basketball players are having knee trouble, spotlights Cincinnati Royal Jerry Lucas and Los Angeles Laker Elgin Baylor, Boston Celtic Trainer Buddy LeRoux considers "the Duke Simpson" method best for taping knees. 25 N 84-85
Cash and Carry. NBA President J. Walter Kennedy, levied $5,000 fine against Baltimore Bullets for having arranged to move its franchise without proper league approval and insists on immediate payment. 25 N 19-20
Smart Moves by a Master of Deception. With writer Frank Deford, Boston Celtics' Frank Ramsey explains his own playing strategy and his special skill at suckering opponents into committing fouls. c.d., d., cov. 9 D 57-63
FBI questions Gene Conley after attendant at La Guardia Airport overheard him boast about "bombing the Celtics." Conley said the scare was only a manner of speaking. 23 D 94

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BEARD, PETER
Horseback in the Classroom. Report by Peggy Downey and photos by Peter Beard spotlight fine riding program designed to teach young ladies sportsmanship and self-discipline at Middleburg, Virginia's exclusive Foxcroft School. 11 N 24-27
BEATHARD, PETE See **FOOTBALL—College**
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BILLIARDS
Battle of the Hottest Sticks. Drawings by Douglas Gorsline identify World's Pocket Billiards Tournament's famous participants at Jansco Brother's Cue Club in Illinois. c.d. 25 F 32-37
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BINGHAM, WALTER
Personality sketch on 24-year-old Golfer Philamon Webster Rodgers (biopers). 14 Ja 24-27
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Spotlights, Loyola U. (Chicago) student Tom O'Hara (biopers) as track season's most sensational discovery in middle-distance running and '64 Olympic hopeful along with world record holder Jim Beatty. 18 Mr 14-17
Spotlights Boop Rodenberg and friends whose wild enthusiasm, loud cheering, hand-painted signs were typical of Cincinnati fans present at NCAA basketball championship game. 1 Ap 24-25
Discusses proper bid for player who is dealt 13 cards of one Bridge suit. 15 Ap 74-75
Takeout on 67th Boston Marathon in which 245 runners, including some of world's top marathoners, attempted to finish the 26-mile 385-yard course from Hopkinton to Boston. 29 Ap 12-17
Attributes the increase in attendance at Kansas City's Municipal Stadium to Athletics' remarkable lead in the AL. Owner Charles Finley's enthusiasm, promotion ideas which include team's green and gold uniforms. 20 My 24-30
Explains how the U.S. bridge team faltered in last three sessions of nine-day world championship, losing 21-point lead to Italy, the winner for sixth straight year. 1 Jl 28, 30
Takeout on the tragic comeback of 35-year-old Pancho Gonzalez, once world's most exciting tennis player, in U.S. Professional Grass Court Championships at Forest Hills. 8 Jl 18-19
Spotlights Dick Groat (biopers), new Cardinal shortstop. 22 Jl 32-34
Reports that Mexican Davis Cupper Rafael Osuna lobbed his way to victory in national tennis championship finals against unseeded Frank Froehling. 16 S 22-25
Byliner on young, bright, aggressive Al Davis (biopers) new coach of Oakland Raiders. 4 N 27-29
Discusses, with illustrations by Robert Handville, growing problem of unnecessary roughness in pro-football. 11 N 18-23
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BIRDS
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Paean to a Winged Hunter, Falconer Bill Gilbert describes how he trapped and trained a redtail hawk, Tor, for hunting. c.d., p. 4 F 50-55
A Border Pigeon Shoot. Duncan Barnes reports Spanish sport of live pigeon shooting, now enjoying popularity in Texas and Mexico, is severest test of wing shooting skill. 18 Mr 18-21
A Capricious Asian is a Citizen at Last. Virginia Kraft traces the U.S. history of the Himalayan Chukar partridge imported 50 years ago but unsuccessfully bred for hunting until recent years when new hunting grounds in Far West proved most comparable to Asian climate. c.d., p. 9 D 76-79
BISHER, FURMAN See **PRESS**
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BOATING
Six Characters in Search of Summer Cruise a Warm Winter Sea. Roy Terrell, Photographer Richard Meek, their wives and another couple charter luxury yacht, *Eleuthera II*, for a leisurely sail of the Windwards, beautiful West Indies islands: St. Lucia, St. Vincent, Grenada, Grenadines; charter facts. c.p., p., c. map. 21 Ja 18-29
Not So Gently Down the Stream. Alice Higgins describes two-day canoe float, with five others, down Current River (Mo.) from Akers to Round Spring; hazards encountered along twenty-mile route. c.d., map. 29 Ap 34-44
Welcome Aboard or Are You? Artist Roy McKie's humorous paintings illustrate Helen Bergh's tips to boating enthusiast who accepts invitation to spend the weekend aboard friend's yacht. r., cov. 13 My 34-41
Organizing a Junior Sailing Program. Leonard M. Fowle, member of North American Yacht Racing Union's junior sailing committee, and Mary Jane Hodges discuss ingredients necessary for the success of yacht club's Junior Sailing Program through which youngsters (9-16) may learn the skill, fun of sailing; advice for instructors, boat classes best adapted for teaching (chart), rating seamen (chart) c.d. 24 Je 35-38
East of The Race and West of the Cape. Carleton Mitchell guides famed racing yawl *Finisterre* on a delightful cruise to Nantucket, visiting Fishers and Block Islands via the The Race, traveling on to inspect tiny coves, villages of the Elizabeth Islands; Nicholas Solovioff's paintings depict tour of Mass. waters where American yachting began. r., c.r., c. map. 22 Jl 46-54
Down the Back to the Arctic. Adventurer Austin Hoyt describes hazardous canoe trip with three companions, Kit Gregg, John Lentz and Tracy Perry, along the Back River, 600 winding miles of rapids, cascades and falls through the desolate country of northern Canada; tortuous descent not traveled in its entirety since 1885. p., c. map. 26 Ag 34-41
A New Sport: Captain-Fishing. Virginia Kraft reports 1963 status symbol for yacht owners is to have a boat captain who is courteous, efficient and, most important of all, a first-class fishing guide; takeout on education and duties required, benefits. Growing feminine interest in angling has led to Captain-Stealing. c.r., 2 S 26-35
Lady on a River of Rock. Mary Ellen O'R illy with SPORTS ILLUSTRATED Contributing Editor John O'Reilly, her father, describes ten frightening days she, and 14 Americans on boating expedition, experienced while trapped amid massive rocks of Barranca de Cobre, canyon that guards Mexico's Urique River. p., c. map. 21 O 26-33
The Miniature McCoy. Photographs by Ken Heyman focus on latest fashion news in children's sporting equipment; including necessary attire for sailing. c.p., 2 D 46-51
The Heritage of Hiroshige. America's foremost Yachtsman-Author Carleton Mitchell climaxes his career with the first major report on sailing the coastal waters of Japan, in the 45-foot cutter Andrea Gail. c.d., c. map. 23 D 106-119
BOAT RACING
The Toughest Babies Afloat. André Fontaine's report on Midget Ocean Racing Club which sponsors long-distance racing in all kinds of weather for sailboats under 30 feet designed, equipped to meet its rule on safety. 28 Ja 41
The Big Blow and the Blue Pig. Arthur Zich, crewing on Sally Ames Langmuir's *Bolero*, describes match race with old West Coast rival, Baldwin M. Baldwin's *Escapade*, during St. Petersburg-Fort Lauderdale ocean race. p. 11 F 58-60
Two Hulls Are Better than One. Arthur Zich's report with Tony Triolo's photos, drawings spotlight *Yachting* Magazine's One-of-a-Kind Regatta on Biscayne Bay won by Van Alan Clark's catamaran *Beverly*. p., d. 4 Mr 12-17
A Boston's Girl's Long Voyage Home. Arthur Zich byliner on sailboat racing enthusiast Sally Ames Langmuir (biopers), one of few women participating in rugged male sports, whose four-year racing career has taken her to all parts of the globe; now sailing own yawl, *Bolero*. p. 1 Ap 40-45
The Flying Lady of the Flying Dutchman. Column by Arthur Zich on U.S. housewife Pat Duane, first woman ever to skipper a boat in the Pan American Games; husband Jack will serve as crew on trapeze-rigged Flying Dutchman class sailboat. p. 22 Ap 43-46
Ruffled Race Across a Mirror. Arthur Zich reports Miami-Nassau Ocean Power Boat Race takes place despite complaints about repeat of last year's calm water conditions; Odell Lewis drives *Mona Lou* to victory in record time, beats defending champion Johnny Bakos aboard *Sterndriver* by one minute, 31 seconds. p. 6 My 22-25
Roaring Down the River. Boating enthusiasts head down Hudson River in outboard race from Albany to New York. p. 24 Je 18-19
Youngsters Under Sail and How They Get There. Stephen Michael, using a special color process, photographs enthusiastic young sailors participating in annual Larchmont Race Week on Long Island Sound. c.p. 24 Je 30-34
Against Time and the Ocean. Richard Meek photographs Howard Ahmanson's *Sirius II* near Koko Head, winning yawl *Chubasco* in 1961 Trans-Pacific Race from Los Angeles to Hawaii. c.p. 1 Jl 32-34
The Object Is to Win the Race. Sailor-Businessman Sumner A. (Huey) Long (biopers) discusses enthusiasm for ocean racing in article by Arthur Zich; will not enter yawl *Ondine* in this year's Trans-Pacific Race in order to prepare for a transatlantic racing classic. p. 1 Jl 35-37
Special: The Large Economy Size in Gold Cups. Rex Lardner byliner on Hydroplane Racer Bill Muncey (biopers, quotes) who, hired by Willard Rhodes of Associated Grocers, Inc. to drive *Miss Thriftway* in U.S. races and manage Seattle's Thriftway Super-

market, has won four Gold Cups and more customers for his store; art, dangers of unlimited hydroplane racing. p. 8 Jl 38-43
Only Three Knew Where the Wind Blew. Hugh Whall account of Annapolis-to-Newport race that, despite new starting rules designed by N.Y. Yacht Club Commodore H. Irving Pratt to equalize competition, turned into two separate races when wind decreased. *Challenge, Dyna, Jubilee* found an 18-knot southwester, pulled far ahead of others; aluminum yawl *Dyna* declared overall winner. p. 8 Jl 48-49
Two Rooster Tails Wash Out a Fifth Gold Cup. Hugh Whall account of Gold Cup regatta that cost Bill Muncey, driving *Miss Thriftway*, his fifth straight victory; squeezing between *Miss Bardahl* driven by Ron Musson, and *Tahoe Miss* with Chuck Thompson caused water to flood engine, making *Miss Bardahl* the new champion. p. 15 Jl 52-53
The Challenger. Tony Boyden, who hopes to bring America's Cup back to England, doubts new duck-bottomed challenger, *Sovereign*, can do the job; David Boyd asked to design another boat for the purpose of racing the two together. 29 Jl 8
Rough Ride on a Sea of Troubles. Account, photos by Crewman Norris Hoyt of how *Ondine's* Skipper Huey Long, despite fog, winds and rough waters, drove yawl on to incredible speed in last three days to 3,000-mile Transatlantic Race. p. 5 Ag 16-17, 46
Sea Change. Jack Zink, a familiar name to Indianapolis "500" fans, has invented a gadget for sailboat racing that gauges the relative increase or decrease in speed resulting from any maneuver. 12 Ag 6-8
Sailor with But a Single Thought. Hugh Whall takeout on 17-year-old Henry Sprague, best singlehander in the country, and the 14-foot-nine-inch Finn which he skillfully maneuvered on Alamitos Bay to win the ten-race O'Day Trophy series. p. 12 Ag 50-51
Two Texans Shoot It Out with a Pair of 5.5s. Hugh Whall closeup on brothers Albert and Ernest Fay who will compete in month-long regatta on L.I. Sound to determine world's best 5.5-meter sailor; other top contenders. Sailor-Designer Ernie to race *Pride*; Albert sailing *Flame*. p., d., cov. 10 S 52-54
Win, Lose or Sink, the Best Were Out Sailing. Hugh Whall reports that the top sailors compete for titles in four major races; James DeWitt wins North American championship, Mallory Cup, Ray Hunt causes upset in 5.5-meter international event with Finnish boat *Chaje II*, Russia's Timir Pinegin loses Star world championships to Joe Duplin, Dink Vail wins Jollyboat title. p. 30 S 70-72
The Hydros Rolled Snake Eyes on a Gambling Man's Lake. Hugh Whall reports that violent windstorm at Bill Harrah's Lake Tahoe (Nev.) halted $25,000 U.S. hydroplane racing championship after first of three scheduled heats had been completed, favorite *Miss Bardahl* declared overall winner. p. 14 O 66-68

BOATS
Up the River on a Fire Hose. Bert Goldrath, three other boatmen test Dick Stallman's jet-driven outboards on 120-mile upstream run along Oregon's Rogue River. p. 18 Mr 52-54
All Kinds of People Go to Sea in Whalers. Coles Phinizy takeout on Fisher-Pierce Company's unsinkable Boston Whaler, sturdy outboard popular with fishermen, divers and weekend sailors alike; Company President Richard T. Fisher, Designer Ray Hunt responsible for polyurethane, fiber-glass version of old Hickman Sea Sled. Models, prices. c.r. 29 Jl 48-50
Set a Sail on a Surfboard. Hugh Whall reports on the phenomenal popularity increase in the Sailfish and Sunfish, invented by Al Bryan and Cort Heyniger who formed their own firm Alcort to develop and build the little sailboats which have set a whole new style in sailing; models and costs noted. c.p., p. 16 D 34-40

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AMY VANDERBILT'S NEW COMPLETE BOOK OF ETIQUETTE See **SPORTS**
BOOK OF AMERICAN SKIING See **SKIING**
Grey Owl: Mysterious Genius of Nature Lore. Robert Cantwell relates literary career of Grey Owl, an Indian from Canadian wilderness who became internationally famous in 1930s as a result of his magazine articles, published in London's *Country Life*, books on nature, lecture tours in England. Investigations following death in 1938 proved Grey Owl was an Englishman named Archibald Belaney, but love for nature was real. c.p. 8 Ap 112-126
CYNEGETICUS See **HUNTING**
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BOWLING
Bowled Over. Bill Taylor, Los Angeles bowling teacher, blames manufacturers of plastic-coated, high-impact, high-velocity pins and alley proprietors for present-day high scores. 14 O 11
A Guy Named Smith Is Striking It Rich. Robert Boyle report on Harry Smith, top money winner in pro-bowling; remarkable increase in PBA membership, tournaments and prize money in last four years, large sums of money being won by pro-bowlers throughout the nation. p. 25 N 36-38

BOXING
Let 'em Fight. SPORTS ILLUSTRATED opposes World Boxing Association's decision to postpone Liston-Patterson rematch until Patterson proves himself. 7 Ja 4
"This Year Is Going to Be a Very Busy Time for Sonny Liston." Jack Nilon, Sonny Liston's manager, reveals '63 plans for Heavyweight Champion to Robert H. Boyle. p. 7 Ja 48-50
Mana and the King of Siam. Stanley Karnow's column on Thailand's Mana Seadoangbob (alias Pone Kingpetch) who, boxing western style, regained world flyweight title from Japan's Masahiko Harada. p. 28 Ja 44
No Decision Bout. New York State joint legislative committee, investigating pro-boxing, called in Rev. Henry Armstrong, Carmen Basilio, Cassius Clay to speak in its defense. 18 F 8
The Eleven Men Behind Cassius Clay. Huston Horn's closeup on The Louisville Sponsored Group, a syndicate comprised of wealthy, reputable Ky. businessmen—Bill Faversham, Lyons Brown, Ross Todd, Vert Smith, Worth Bingham, Possum Norton, Pat Calhoun, Elbert Sutcliffe, J. D. Coleman, Bill Cutchins, Archie Foster—who may change boxing world through their $28,000 investment in Clay; contract designed to increase wealth of boxer, backers, and have fun doing it. p. 11 Mr 62-70
For the Sure Thing Boys. Bill passed by Nev. Assembly permitting "no contest" decisions in fights in which one boxer has been disabled by a low blow would be more profitable for crooked gamblers, fighters than boxing itself. 21 Mr 7
The Heavyweight Muddle. Robert Boyle, Morton Sharnik discuss chaotic heavyweight championship situation. Sonny Liston injures knee, causes postponement of title fight with Floyd Patterson who is still brooding over outcome of last fight and is on the outs with Manager D'Amato; other problems concern Clay's chances of being Liston's next opponent; Championship Sports, Inc. vs. Manager Jack Nilon. c.p., p., cov. 25 Mr 12-15
A Comeuppance for the Cocksure Cassius. Huston Horn's account of Cassius Clay-Douglas Jones fight in which the boastful 21-year-old Clay failed to fulfill own prediction Jones would fall in four, barely won ten-round decision, giving worst performance in his pro-boxing career. p. 25 Mr 16-17, 56-57
Big Bad Bill Is Dead. The Senate has withdrawn bill that could have been very harmful to boxing; bill would have required referee to declare fight "no contest" in the event of a serious foul. 1 Ap 14-17
Death of a Champion. Sugar Ramos wins world featherweight championship in a ten-round decision over Davey Moore who died 75 hours later of brain injury. S. I. Reporter Morton Sharnik suggests State Athletic Comm. make a scientific investigation. p. 1 Ap 18-21, 79-81
The Search for Ring Safety. As a result of Davey Moore's death, N.Y. State Athletic Commission has issued some new rules for boxing, set up experimental program to improve ring safety. However, S.I. favors N.Y. State Joint Legislative Committee report which proposes a clinical study of gloves headgear, ring materials be undertaken by Cornell U. 15 Ap 16-18
C. Marcellus Clay Esq. Photo essay on Boxer Cassius Clay who visited Louisville home before invading London where he predicts he will knock out Henry Cooper in five rounds. British columnists criticize his rudeness, immodesty, outspokenness which Clay knows will insure more people at the box office. p., cov. 10 Je 18-25
All Week Long the Word Was "Griffith." Robert H. Boyle account of fifteen-round welterweight championship fight at Madison Square Garden in which a split decision cost Luis Rodriguez the title despite fact he outmaneuvered, outfought the favorite, Emile Griffith. Garden Matchmaker Teddy Brenner denies betting on Griffith. p. 17 Je 24-25, 74
'E Said 'e Would and 'e Did. Huston Horn describes Cassius Clay's predicted five-round victory over London's Henry Cooper. p. 1 Jl 42-45
He Beats the Drums for Champs and Bums. Robert H. Boyle report on creative genius of Publicist Harold Conrad (biopers) whose promotion gimmicks, artfully based on truth, perfectly timed and flavored by Hollywood career as script writer, make him one of boxing's most valuable assets. Conrad's present assignment. p., r. 8 Jl 20-28
The Great Artificer. One of the most colorful personalities of the Golden Age of boxing, Jack (Doc) Kearns dies at the age of 80; tried to organize a labor union of all professional athletes. 15 Jl 8
Sour Day for Sugar. Sugar Ramos successfully defends his world featherweight championship against Nigerian Rafiu King despite weakness resulting from day's efforts to lose three pounds, badly injured hands. 22 Jl 8
A Measured Look at the Big Fight. Sonny Liston favored 5½ to 1 over Floyd Patterson whose success or failure in regaining heavyweight championship title, according to Manager Cus D'Amato, depends on his mental state. d. 22 Jl 12-15
Sonny Slams Ahead. Robert H. Boyle discusses boxing ability, complex personality of Heavyweight Champion Sonny Liston who defeated Floyd Patterson in Las Vegas rematch in two minutes, ten seconds of first round; manager, publicity men, wife reveal boxer's kindness, bitter resentment toward others. p., cov. 29 Jl 12-15
Depends on How You Look at It. Excerpts from French, British, Japanese, Italian newspapers on Sonny Liston, his rematch victory over Floyd Patterson and next opponent Cassius Clay. 5 Ag 9-10
This Is What Clay Says He Wants. Color photographs show how Sonny Liston's strength, speed destroyed ex-Heavyweight Champion Floyd Patterson, but young, outspoken Cassius Clay, present at fight and Liston's next opponent, declares his superiority. Robert H. Boyle reports Clay's style made to order for another massacre; oddsmakers figure Liston will be eight-to-one favorite. p., c.p. 5 Ag 22-27
'I Live With Myself.' Gilbert Rogin lauds Floyd Patterson's decision to continue boxing career despite humiliating defeats by Sonny Liston; ex-heavyweight champion discusses how he has changed psychologically since Johansson rematch victory, losing fiery spirit that made him youngest to win title in sport's history. 5 Ag 27
Left Hooks and Tenderhooks. Pennsylvania Attorney General Walter Alessandroni rules against fight application made by International Promotions, company headed by Bob and Jim Nilon and Sonny Liston to promote title bout with Clay in September at Philadelphia Stadium. 12 Ag 5
A Smile on the Face of the Tiger. Jack Olsen reports from Nigerian city of Ibadan where Dick Tiger of Ibo tribe retained middleweight championship title by defeating Gene Fullmer in seven bloody rounds; thousands crowd Liberty Stadium for Black Africa's first major sports event organized by Chief Joseph Modupe Johnson, colorful Minister of Labour. 19 Ag 12-19
Garden Loses on Points. SPORTS ILLUSTRATED lauds decision of Federal Judge Sylvester J. Ryan, denying Madison Square Garden permission to sign a fighter for more than one bout in a single contract. 26 Ag 5
The Baleful Look of a New Liston. Leonard Shecter closeup on 26-year-old Rubin Carter (biopers) who learned to use his fists while serving time in reformatories and state prison, is now No. 1 challenger for middleweight title; Carmen Tedeschi's management. p. 14 O 76-86
This Death Might Kill Boxing. Robert H. Boyle reports on Maryland's corrupt boxing practices revealed in investigation of Ernie Knox who died of brain hemorrhage incurred during fight with Wayne Bethea in Baltimore; Joseph Sheppard drawings show how Knox was ill-treated after knockout. p., d. 28 O 16-21
A Rueful Dream Come True. Huston Horn attends Denver press conference for signing of

contract between Sonny Liston and Cassius Clay who, despite angry protests from friends and business associates, insisted on chance to win world heavyweight championship that should net him approximately $1 million. p. 18 N 26-27
Floyd Patterson, now training for a fight in Sweden, renounces skiing for safety of the prize ring after going down for the count of 12 times in a row. 9 D 64
You Can't Keep a Bad Boy Down. Morton Sharnik reports how Joey Giardello, after 15 years and 123 fights, finally got serious about boxing and took the middleweight championship of the world from Dick Tiger. p. 16 D 18-19
To avoid hurting one another in the fight scenes of *The Ballad of the Sad Cafe*, Colleen Dewhurst and Lou Antonio are taking boxing lessons in a local gym. 16 D 50

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Dr. George W. Bennett, of the Illinois Natural History Survey, explains why there should be no closed season, creel limit, minimum length on largemouth bass. 19 Ag 34-39
Reports highlights of Wally Butts vs. Curtis Publishing Co. trial in Atlanta. 2 S 46-47
Byliner on Broadcaster-Journalist Eli B. (Buck) Canel (biopers), loved by Latin Americans as "the ace of sports broadcasters." 14 O 33-40
Column on Cus D'Amato, manager of former Heavyweight Champion Floyd Patterson, and his passion for fishing. 21 O 64-65
Reports on Maryland's corrupt boxing practices. 28 O 16-21
Reports on Harry Smith, top money winner in pro-bowling. 25 N 36-38
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BRIDGE
2 Octillion to 1. Despite tremendous odds against it, four members of Kankakee, Ill. ladies' bridge club—Ethel Hay, Betty Lehman, Irene Sellers, Arlene Wagner—were each dealt 13 cards in one suit. p. 15 Ap 34-35
A Very Big Deal at the Ladies Bridge Club. Walter Bingham discusses proper bid for player who is dealt 13 cards of one suit, an unusual situation that puzzled four Kankakee, Ill. bridge club members, Ethel Hay, Arlene Wagner, Betty Lehman, Irene Sellers. 15 Ap 74-75
The Work of Fine Italian Hands. Walter Bingham explains how the U.S. bridge team faltered in last three sessions of nine-day world championship, losing 21-point lead to Italy, the winner for sixth straight year. 1 Jl 28, 30

Goren's Column

The Sisters Had Their Nerve. Discusses hand played by Mrs. Ann Burnstein with her sister, Mrs. Edith Kemp, that helped team win women's title in '62 Fall Nationals, c.d. 14 Ja 42
North Told a Little Black Lie. Not bidding, playing according to the book may confuse both partner, opponents. c.d. 28 Ja 46
A Tactic to Foil a Kangaroo. Discusses best lead against a kangaroo type of bid. c.d. 4 F 37
Kicked by a King. Reports that over 100,000 are expected to participate in North American Rubber Bridge Championship with matches in at least 100 U.S., Canadian cities. c.d. 18 F 42
Exotic Route to the Top. Discusses type of grand-slam bidding favored by Dave Carter and Gerald Michaud, alternates on U.S. team. 25 F 45
A Coup Isn't Hard to Do. Discusses the bridge play, or maneuver, known as the Vienna Coup. c.d. 11 Mr 56
The Game Has Been Fixed. Reports that winners of the National Intercollegiate Bridge Tournament will be decided by number of points awarded against a designated par score rather than against opponents. c.d. 18 Mr 51
A Gift of Bad Luck from a Lady. Recalls easy-winning hand dealt to him on Caribbean bridge cruise. c.d. 1 Ap 76
The Luckiest Slam Ever Made. Discusses confusing, but effective system of bidding called Marmic, popular with Italian players. c.r. 22 Ap 48
A Chancy Way to Win. Discusses how luck, not skill, played an important role in two hands held by members of Alvin Roth's team in Vanderbilt Cup semifinals. c.r. 29 Ap 50
Right Rule, Wrong Play. Stresses importance of being thoroughly acquainted with the rules that govern bridge. c.r. 6 My 64-65
Italy May Drop an Ace. Disturbed by report that Carl'Alberto Perroux, Italy's nonplaying captain, replaced famous Walter Avarelli with less experienced Camillo Pabis Ticci in lineup for 1963 world championship matches. c.r. 13 My 64
Caught in a Cannibal Coup. Harry Fishbein, 65-year-old dean of Mayfair Bridge Club in N.Y.C., tells how his partner set him up for a humiliating defeat. c.r. 27 My 55
Out To Beard the Blue. Teams from U.S., France and Argentina are traveling to Italy for world bridge championship, hope to take title away from Italy's Blue Team; discusses hand skillfully played by French partners Pierre Ghestem and René Bacherich ("The Snails") in '61 tournament. c.r. 10 Je 65
Reasons to Split a Pair. Reports that Howard Schenken will be G. Robert Nail's new partner for world bridge championship in Italy. c.r. 17 Je 72
Some Master Plays and Master Goofs. Discusses two hands brilliantly played by Italian team, one by U.S. during world bridge championship won by Italy. c.r. 1 Jl 29
The Ladies Find a Winning Bungle. Recalls how John Simon, captain of St. Louis team, became the victim of two "little old ladies" in regional tournament in Dallas. c.r. 15 Jl 46
A Practice that Isn't Perfect. Praises Italian bidding but cites two examples from world contract bridge championship in which flamboyant methods cost team valuable points. c.r. 29 Jl 47
Winning Team for a Losing Town. Reports that Los Angeles is the new U.S. Intercity champion and winner of SPORTS ILLUSTRATED trophy after defeating Minneapolis-St. Paul team. c.r. 5 Ag 43
Beware When Boys Are Quiet. Spotlights David and William Crossley, 15 and 16, who placed second in charity pairs event at Summer Nationals in which 1,984 adult experts participated. p. 12 Ag 54
Livelier Than the Late Show. Discusses how valuable points were lost in two hands played in masters" team championships because of unusual bidding, complex conventions. 19 Ag 52
Passing with a Purpose. Reports that latest craze at New York's Cavendish Club is the team-of-four contest in which eight players choose up sides for a team match of twelve hands. c.r. 26 Ag 45
Pick the Right Side of the Table. Reports choice of seats was deciding factor in North American Rubber Bridge Championship, richest event in contract bridge, won by Mr. and Mrs. Burton Howe. c.r. 9 S 84
My Team Was Dealt a Body Blow. Stresses the importance of low cards; describes how team lost easy bid in Masters Knockout Team Championship because of the seven of diamonds. c.r. 16 S 44
Never Play for the Impossible. Discusses hand played by Alvin Roth, who does not favor mixed-pair events, and Edith Kemp during 1953 Mixed Team of Four Championship which Roth's team won. c.r. 7 O 47
The Lively Style of Nippon. Lauds improved Asiatic bridge standards, discusses hand played in match between Japan and Malaya in Far East Asia Championship. c.r. 14 O 75
The Declarer Ducked the Dink. Discusses hand in which the declarer outsmarted the defender in art of dinking, i.e. shortening player's trumps by forcing him to ruff. c.r. 28 O 56
A Family Affair In Miami. Reports that selection of Open Team and Women's Team for next year's World Bridge Olympiad will be taken care of in the International Team Trials in Miami Beach. c.r. 18 N 60
A Second Line of Defense. Dilemma posed both by military tactics and bridge strategy: whether to display strength in opening moves or reserve it for later plays. c.r. 25 N 74
Two Youths Who Refused to be Conned. Reports on Robert Hamman and Don Krauss, youngest pair in the Open Field, winning the International Trials in Miami Beach. c.d. 2 D 75
A Quiz to Test Empathy Across the Table. A quiz to find out how your present bridge partnership is; questions and answers. c.d. 23 D 104-105, 120
Two Uprisings in Caracas. Reports that Argentina loses domination of South American contract tables to Venezuela's bridge team, in Caracas, Venezuela. c.d. 9 D 75

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Reports that spectacular Center Gus "the Great" Johnson, U. of Idaho sophomore, is the pride of basketball-crazy Moscow, Idaho. 18 F 50-52
Analysis of National and American League Baseball teams. 8 Ap 45-83
Discusses baseball records, skills of six young players. 15 Ap 65-66
Reports on vigorous training methods of Columbia University Rowing Coach Carl Ullrich. 3 Je 50-53
Reports fine annual performances on the mound have made Pittsburgh's Roy Face the National League's best relief pitcher. 24 Je 24
Reports on Cornell Sophomore Griscom Bettle's superb performance in final moments of Intercollegiate Rowing Assn. championship on Lake Onondaga. 24 Je 44-45
Discusses alarming drop in AL, NL batting averages caused by younger, stronger, smarter pitchers, change in strike zone and weight of ball. 12 Ag 10-15
Favors Kansas City Chiefs to take Western Division NFL championship but warns improved Denver Broncos could cause upset. 9 S 64-68

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Reports Soviet track and field athletes' domination of Millrose Games is due to careful preparation. 11 F 18-21
Reports resiliency of fiber-glass vaulting poles enables more athletes to jump over 16 feet, but strength, technique, timing are the heart of a good vault. 25 F 38-42
Spotlights career of Northern Illinois Quarterback George P. Bork, top pro-football draftee responsible for NIU's undefeated season. 11 N 54-56
Reports on Dr. Cecil C. Humphreys' Educational and Athletic Scholarship Program aimed at inspiring top college and high school football players to attend Memphis State U. 25 N 77-79

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Report on 75-year history of Daisy Manufacturing Co., leading producer of the air rifle. 29 Ap 58-66
Closeup on Rancher-Businessman John Steele Zink. 4 N 60-70

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BULLFIGHTING
A Brave Matadora Explains the Bullfight. Texan Patricia McCormick, probably world's greatest woman bullfighter, with drawings, diagrams by Robert Riger, discusses matador's various geometric maneuvers which comprise the celebrated cape passes. c.r., c.d., c. diag. 11 Mr 38-46
In Mexico, Paco Camino Is Hailed as 'Número Uno.' Rafael Delgado Lozano praises left-

handed artistry of 21-year-old Spanish matador, Paco Camino. p. 15 Ap 68-70
The Moment. Matador Juan Garcia, known as "Mondeno," will end bullfighting career in Mexico and return to Spain to enter religious life in the Dominican order. 25 N 27
While working on a scene for *Night of the Iguana*, Richard Burton receives some tips from Author-Critic Barnaby Conrad on executing a bullfighter's *veronica* to avoid liquor tray thrown at him by Ava Gardner. 16 D 50

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BUSINESS
A Big Man Even in Big D. Joe David Brown's byliner on fabulous business empire of Texas' Murchison family; spotlights Clint Jr., (biopers) his various enterprises with brother John, organizing and financing of NFL's Dallas Cowboys. p. 21 Ja 58-64
The Eleven Men Behind Cassius Clay. Huston Horn's closeup on The Louisville Sponsoring Group, a syndicate which may change boxing world through their $28,000 investment in Clay; contract designed to increase wealth of boxer, backers, and have fun doing it. p. 11 Mr 62-70
Mr. Blitz and the Total Vacation Game. Gilbert Rogin, with Photographer Joern Gerdts, visits a vacation village on South Sea island of Moorea, one of 27 operated by the Club Méditerranée. An extremely profitable enterprise founded by Belgian Gérard Blitz (biopers) it gives its clientele low-cost, carefree holidays, numerous sporting activities compensating for lack of material comfort; travel facts. p., c.p. 1 Jl 48-59
Little League and Big Buck. Insurance Commissioner William E. Timmons of Iowa declares Little League officials' move to have country's 48,000 teams insured by one company is illegal. 19 Ag 8
Where Is the Golf Course of the Workers? Gwilym S. Brown takeout on Firestone Country Club in Akron, the golf course supported by Firestone Tire & Rubber Co. to enable its employees and their families to enjoy excellent sport facilities at a low membership rate; worker, company, community benefit from corporate country clubs. p. 26 Ag 42-44
The Bookies of Doom. Dan Jenkins explores profitable business of sports insurance; disability and death insurance for athletes, pro and amateur, as well as policies covering various aspects of sports are available; Lloyd's of London, Animal Insurance Company of America, skiing insurance expert Paul Copello, James Hereford's pro-golf policies spotlighted. c.d. 4 N 36-42
Whooping Baron of the Prairie. Joe David Brown closeup on Rancher-Businessman John Steele Zink, a robust 70-year-old multimillionaire who runs a 10,000-acre ranch near Tulsa and the John Zink Co. like a benevolent feudal lord, is a sports-car racing enthusiast with two Indianapolis "500" trophies won by Zink Specials. p. 4 N 60-70

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CALIFORNIA
A Valley Ravaged But Never Spoiled. Coles Phinizy takeout on beautiful Owens Valley, sportsman's paradise 9,000 feet below snow-covered Calif. Sierras. c.p. 12 Ag 28-39
Visitors Welcome. All Year Round. Owens Valley, located below the Calif. Sierras, plays host to thousands of vacationers each year; trout fishing, skiing are valley's most popular sports. 12 Ag 39

CALIFORNIA STATE POLYTECHNIC COLLEGE See **FOOTBALL—College**
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CAMPING
A Mob of Marlin in the Bays of Panama. Jack Olsen visits Texan Ray Smith's Club de Pesca de Panamá, a jungle fishing camp. Panamá travel facts. c.p., c. map, cov. 22 Ap 62-72
Happy Ways of Trailering. Harold Peterson discusses auto modifications, trailering problems in first of two-part report on camping. c.d., d. 13 My 68-74
A New Way to Find Our Lost Frontier. Robert Cantwell describes several beautiful, undeveloped campsites available to U.S. travelers. c.p., c.d. 20 My 32-39
Some Tricks for the Roadside Escoffier. Pamela Knight report, part two of camping report, on three new camper's stoves—Safari bucket, Sundiner, Bleuet S200; tips on cooking meat. Specialties of the region will add variety to traveler's menu. c.p. 20 My 40-41

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Reports that Hollywood living gave baseball's Leo Durocher yearning for theatrical career, but after five years as NBC executive he anxiously accepted job as third-base coach with Dodgers. 18 F 20-24
Discusses baseball in the Dominican Republic. 25 F 54-61
Relates literary career of Grey Owl, an "Indian" from Canadian wilderness who became internationally famous in 1930s. 8 Ap 112-126
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Describes scenic beauty, adventure, solitude that awaits travelers of the Pacific Crest Trail. 5 Ag 48-55
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Reports that new generation of patio sportsmen are showing a keen interest in home-smoked fish and game. 28 O 52-55
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The Poker in the Smoker. Robert H. Boyle takeout on poker-playing commuters aboard the Hudson River division of New York Central; rules, practices, colorful participants led by Eliot Stark, known as Eliot the Brain Surgeon, who started smoker poker 13 years ago. c.r., r. 22 Ap 24-30

CARDWELL, DON See **BASEBALL**
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CHESS
Two Tournaments, Bobby Fischer, conspicuously absent from exciting, lush Piatigorsky chess tournament organized by Jacqueline Piatigorsky, attends Western Open and wins first prize. 22 Jl 8
Iron Man at the Chess Table. Bobby Fischer won 14 straight games, $3,500 from Norbert Leopoldi in private, nightlong chess tournament preceding final rounds of Western Open also won by Fischer. 29 Jl 7

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It's All a Question of Balance. Charles B. (Bud) Wilkinson's letter to the Editor, in answer to those written by Mrs. Richard J. Ross and Mrs. Don van Rossen, explains nature, objectives of programs recommended to nation's schools by President's Council on Youth Fitness. 21 Ja 56
A Maestro Tunes His Teen Ski Stars. Mark Kauffman photo essay spotlights Jack Nagel's school for junior slalom racers, ages eight to eighteen, at Washington's Crystal Mountain. cov. 11 F 24-30
Joyful School for City Kids. Jean Marquis photographs some of France's 30,000 urban school children enjoying government-sponsored snow classes at chalets in Alps, Pyrenees; during four-week program youngsters study, learn to ski, are exposed to wonders of country living. p. 25 Mr 32-36
Youngsters Under Sail and How They Get There. Stephen Michael photographs enthusiastic young sailors participating in annual Larchmont Race Week on Long Island Sound. c.p. 24 Je 30-34

CHOKER (HORSE) See **HORSE RACING — Thoroughbred**
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Tennis' traditional color, white, becomes fashionable off courts at southern winter resorts. p. 28 Ja 35-38
Sport Inspires Some Dashing Haberdashery. Jule Campbell reports on protective headgear for sportsmen. c.p. 4 F 32-33
A Burst of Color Afloat. Jo Ahern Zill article, with photos by Elliott Erwitt, spotlights new men's, women's boating togs for fair, stormy weather. Where to buy. c.p., p. 4 Mr 40-46
A Tie for the Top and a Tribute to Bonnie. Jo Ahern Zill takeout on winners of 1963 SPORTS ILLUSTRATED Design Awards; all feature simple, free-moving styles. Ellen Brooks and Rudi Gernreich share Sporting Look Award. Bonnie Cashin voted Designer of the Year. p. 6 My 48-50
A Cool Wave of Color. Fashion news from Fred R. Smith, with photos by Mark Kauffman and Neal Barr on summer sportswear for men, women. Men's jackets, slacks and shirts feature cool, carefree fabrics in vivid colors wearer can mix to own liking. c.p., p. 26 My 72-79
Devon Beat the Virus and Kelley Beat the Band. Sporting Look: India madras skirts, shorts, jackets popular with youngsters attending, competing in horse show's Children's Day events. p. 17 Je 58-59
Slicker Than the Old Yellow. Paul Stewart reports East Coast sailors shed traditional oilskin slicker for light-weight parkas made of India madras, wool melton and nylon sailcloth. 22 Jl 40
Pop Zip! Irwin Horowitz photos show teenagers posed like comic-strip characters reporting on latest in back-to-school fashions. c.p. 19 Ag 40-45
Clean Country Sweep. Jay Maisel photos feature casual fall fashions for men and women. c.p., p. 9 S 70-83
The Girls Have All the Lines. California swimsuit designers emphasize femininity in annual autumn collections. p. 30 S 68-69
The Uniform Can Be a Death Trap. Rex Lardner article on study by Ohio State U. physiologists and medical doctors of effect heat stress has on high school and college football players, found uniform and helmet major factors in causing heatstroke and heat exhaustion; Dr. Donald K. Mathews, who headed the controlled experiment, provided solutions to problem. p. 25 N 41-47
The Kitzbuhel Look. Photographs by Loomis Dean spotlight latest fashion news from Kitzbuhel, Tyrol's fashion pace-setter. c.p. 25 N 62-65
The Miniature McCoy. Photographs by Ken Heyman focus on latest children's sports at-

tire and equipment. Where to buy and prices listed. c.p., p. 2 D 46-51

A Banner Year for American Ski Clothes. Jo Ahern Zill reports on boom in American ski clothes, describes smart new uniforms designed for U.S. Olympic ski team. p., c.d. 16 D 48-49

Author Ian Fleming's sexy secret agent James Bond is kept busy these days advertising sportswear in Great Britain. 23 D 94

CLUB DE PESCA DE PANAMÁ See **CLUBS**

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CLUBS

A Mob of Marlin in the Bays of Panama. Jack Olsen visits Texan Ray Smith's Club de Pesca de Panamá, a jungle fishing camp located on rich waters of Piñas Bay where angler will find a large variety of gamefish. c. map, cov., c.p. 22 Ap 62-72

Two Birds Bet a Million on a Club in the Bush. Robert Coughlan byliner on big gamble in Africa by two American millionaires, Actor William Holden and Oilman Ray Ryan, who own 90% of the magnificent Mount Kenya Safari Club. p. 20 My 84-98

An Old Club Offers a New Challenge. Defending Champion Jack Nicklaus, in Gwilym S. Brown article, discusses strategy necessary to conquer difficulties, weaknesses of golf course at The Country Club (Mass.) where, on 50th anniversary of Francis Ouimet's memorable victory, the U.S. Open will be held. c.p., p., c. diag., cov. 17 Je 46-53

Big Jay Has His Day. Alfred Wright account of exciting U.S. Open Championship at The Country Club in Brookline, Mass. where, despite severe winds and heavy rough, a calm, 43-year-old Julius Boros defeated Arnold Palmer, Jacky Cupit in the playoff. p., cov. 1 Jl 16-21

Where Is the Golf Course of the Workers? Gwilym S. Brown takeout on Firestone Country Club in Akron, the golf course supported by Firestone Tire & Rubber Co. to enable its employees and their families to enjoy excellent sport facilities at a low membership rate. p. 26 Ag 42-44

Big Splash for Bath and Tennis. Frank Deford with photos by Richard Meek spotlight the Bath and Tennis Club in Chicago's Lake Bluff region. p. 2 S 36-41

A Club to Suit a King's Fancy. Paintings by Franklin McMahon portray the varied facilities of Thailand's Royal Bangkok Sports Club. c.r. 23 D 78-85

COBRA (AUTOMOBILE) See **AUTOMOBILE RACING**

COCHRAN, JACQUELINE See **AVIATION**

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COLLEGES & UNIVERSITIES

Board, Books and Birdies. Dan Jenkins reports America's colleges are producing today's top pro and amateur golfers; scholarship program, recruiting and training methods at University of Houston where Dave Williams coaches team now dominating college golf. p. 20 My 43-54

Open Letter to a College President. Former Princeton All-America Dick Kazmaier presents his views on the present imbalance between intercollegiate sports and educational standards existing at certain universities to Ohio University President Dr. Vernon Alden. p. 14 O 57-58.

Spirit, Mind, Body. Article by Robert H. Boyle spotlights Springfield College in Massachusetts which specializes in physical education and youth leadership. 2 D 76-92

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CONLEY, GENE See **BASKETBALL — Professional**

CONLEY, PEGGY SHANE See **GOLF**

CONNELLY, DOLLY

Relates fascinating life, legends, pioneering accomplishments of Mountaineer Joe Morovits, hermit who lived in Washington's Mount Baker region. 7 Ja 52-57

Reports that backpacker's food problem has been solved by a new method of food processing called freeze-drying. 24 Je 20-21

Recalls exciting vacation days shared by entire family on Jervis Island. 8 Jl 52-58

CONRAD, BARNABY See **BULLFIGHTING**

CONRAD, HAROLD See **BOXING**

CONSERVATION

Pulling the Plug that Killed a Great Shad Stream. John Stuart Martin reports that 200 miles of the polluted Delaware River has been cleared by conservationists; anglers are now invited to catch the delectable shad that populated the river before industrial plants were built. 27 My 50

New Game in New Mexico. Arch Napier takeout on New Mexico's exotic game program headed by Dr. Frank Hibben, anthropology professor at University of New Mexico; controversy over cost, possible consequences; aoudad, kudu, ibex oryx will provide sport for southwestern hunters if program is carried out. p. 27 My 57-60

The Old Frontier. Although President Kennedy's conservation tour turned out to be a political maneuver, the three pending Administration programs he asked voters to support show a sincere interest in the preservation of our natural resources. 7 O 8

A More Sensible Way to Hunt. Former U.S. Diplomat Charles W. Thayer, now owner of a 2,500-acre Bavarian deer-hunting reserve, lauds German system of dividing all hunting land into reserves for sport and conservation purposes. p. 28 O 68-78

Fire Watch in a Dry, Dry Woodland. Coles Phinizy lauds forest-fire patrolmen and fighters east of the Mississippi whose alertness, fast action during three-week drought in 14 states prevented small fires from developing into dangerous and costly holocausts; Mobile Patrolman Joel Hockinson and Lookout Edgar Hull, both stationed in Monongahelan National Forest (W. Va.), spotlighted. p. 4 N 22-24

The Life-Giving Spray. Virginia Kraft discusses value of pesticides to wildlife, vegetation and man, refuting charges made by Biologist Rachel Carson in her bestseller *Silent Spring* that earth and its creatures are being destroyed by the frequent use of such chemicals; startling counterrevelations revealed by SPORTS ILLUSTRATED's survey on the pesticide-ridden outdoors. p. 18 N 22-25, 72-73

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Byliner on fat, indefatigable Maurice (Mossie) Murphy Duquesne U. basketball recruiter. 28 Ja 18-23

Discusses Pittsburgh Manager Danny Murtaugh's sensational eleven man pitching staff. 24 Je 22-28

Byliner on Raymond (Fido) Murphy, loud, self-opinionated ex-athlete employed by Chicago Bears and Pittsburgh Steelers to scout college talent and upcoming NFL opponents. 30 S 32-40

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Praises quality of playing exhibited in PGA Seniors' Teacher Trophy tournament. 11 F 22-23

Reports on the world's best track and field athlete C. K. Young (biopers, quoted) who is predicted to win the Olympic Games decathlon. 23 D 66-77

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Outraged by the price of carpeting for his floors, Dizzy Dean wrote out a check for what became the Dean-Poladian Carpet Co. 23 D 94

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DEFORD, FRANK

Frank Deford's weekly college basketball results. 7 Ja 58-59

Spotlights National Junior Singles Tennis Champion Mike Belkin. 18 Mr 57-59

Analysis of National and American League Baseball teams. 8 Ap 45-83

Spotlights 17-year old Anthony D. Roche (biopers), Australia's hottest tennis prospect. 29 Ap 55-57

Account of 79th NCAA tennis championships dominated by Coach George Toley's University of Southern California team. 1 Jl 40-41

Takeout on the Bath and Tennis Club in Chicago's Lake Bluff region. 2 S 36-41

Explains playing strategy of Boston Celtics' Frank Ramsey. 9 D 57-63

Reports on U. of San Francisco Basketball Coach Pete Peletta and the Dons. 23 D 100

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DIVING

The Bold and Fluid Beauty of the Human Form. Photographers Tony Triolo and Coles Phinizy capture Nancy Poulsen and teammates of Dick Smith Swim Gym in Phoenix demonstrating perfect form at the most critical moments in springboard diving. c.p. 29 Jl 32-37

High Art of the Aquatic Tumbler. Springboard diver's speed in performing complicated acrobatics, thorough knowledge of the fundamentals and perfect form in executing three basic postures (tuck, pike, layout) combine to create the beauty of this exacting sport. 29 Jl 37-38

DIXIE PLANTATION See **DOGS**

DOBSON, JOHN W. See **AWARDS** 11 N 64-66

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DOGS

How to Succeed at a Dog Show Without Really Cheating. A. Peter Knoop, leading authority on U.S. dog world, discloses to Huston Horn on eve of Westminister Kennel Club show how handlers' tricks, judge's personal prejudices can be instrumental in choosing best-in-show. p., c.d. 11 F 35-37

One Lady Who Gives a Continental. Virginia Kraft reports the Continental, one of America's oldest and most distinguished field trials for pointing dogs, owes its continued existence to Eleanor Rodewald Livingston

who assumed responsibilities of Dixie Plantation (Ga.), locale of trials which belonged to late husband. 18 F 43
Smart Dogs Keep on the Right Track. Virginia Kraft reports the tracking test is fast becoming America's most popular form of canine competition. p. 8 Ap 99-106
Finding New Fun in the Fields. Virginia Kraft reports on New York's Bedford Hills residents entering family-bred retrievers in "fun trial," an informal field trial organized by Westchester Retriever Club; spotlights Jackie MacIntosh and her dog Bruce. p. 10 Je 52-54
Not Poodle, Not Pointer, But Both Dogs In One. Duncan Barnes article spotlights hunting dog new to Western Hemisphere, the Pudelpointer, a cross breed between English Pointer and German Wasserpudel. Sigbot Winterhelt's pudelpointers Zenzi Von Der Waldhorst and Komat are scoring impressive wins at field trials. p. 18 N 68-69
Casey and His Cougar Run Over California. Virginia Kraft closeup on jobless amateur James Casey and his black Labrador, Cougar's Rocket, successful competitors at California retriever trials for millionaires and professional trainers. p. 25 N 67-68

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Takeout on the $50,000 National Putting Championship in which 231 putters, mostly members of Professional Putters Assn., competed for $10,000 first prize on miniature course. 15 Jl 16-17
Takeout on the fine riding program available at Middleburg, Virginia's exclusive Foxcroft School designed to teach young ladies sportsmanship, self-discipline. p. 11 N 24-27

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Gwilym S. Brown reports with photos by James Drake, newfound success of The Ladies Professional Golf Association. 3 Je 32-37
Photographs Yankee slugger Mickey Mantle in Joplin, Mo., and family in Dallas home. p. 8 Jl 10-15
Photographs Arizona Senator Barry Goldwater as he disentangles fishing line from tree branch. 15 Jl 18-19
Series of photos show how the Cleveland Browns successfully execute tactics designed to stop New York Giants' sensational passer, Y. A. Tittle. 21 O 16-17

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DRAWINGS
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The ABC's of Squash Racquets. Frank Mullins' drawings, on grasping Squash racket, proper hitting position, forehand and backhand shots, various serves. d. 7 Ja 40-45
The Am in Pro-Am. Alfred Wright with drawings by Edward Sorel sympathizes with amateur golfer's at the Crosby Clambake, who must concentrate on game while pros, celebrities enjoy themselves during the National Pro-Amateur Golf Championship. c.d. 28 Ja 48-53
The Patient Madmen of Sheepshead Bay. Illustrations by Michael Ramus show amateur codfishermen who brave early-morning cold in hopes of catching prizewinning fish. c.d. 4 F 18-23
On eve of Westminster Kennel Club show, A. Peter Knoop with drawings by Robert Handville, shows how handlers' tricks, judge's personal prejudices can be instrumental in choosing best-in-show. c.d. 11 F 35-37
A Rampart of Pedigree. Henry Koehler's drawings on community life, estates, residents in Middleburg, Va. where horse is king, society's leaders enjoy fox hunting at its best. c.d. 11 F 62-70
Francis Golden's drawings illustrate Golfer Jerry Barber's Secrets of the Short Game. d., c.d., cov. 18 F 32-40; 25 F 50-53
Battle of the Hottest Sticks. Drawings by Douglas Gorsline identify famous participants in the World Pocket Billiards Tournament. c.d. 25 F 32-37
Two Hulls Are Better than One. Tony Triolo's photos, drawings spotlight *Yachting* Magazine's One-of-a-Kind Regatta on Biscayne Bay won by Van Alan Clark's catamaran *Beverly*. p., d. 4 Mr 12-17
A Brave Matadora Explains the Bullfight. Robert Riger's drawings of Antonio Ordoñez and diagrams show movements necessary for self-protection, bull's destruction. c.p., c.d., c. diag. 11 Mr 38-46
Ready for War at Augusta. Frank Mullins' drawings, in preview of Masters golf tournament, spotlight Arnold Palmer, Gary Player, Jack Nicklaus as the leading contenders. c.d., d., cov. 1 Ap 36-39
Happy Ways of Trailering. Eldridge King drawings illustrate 14 additions and alterations recommended for medium duty hauling, how to tow, back up, park, hitch a trailer, four kinds of trailers. c.d., d. 13 My 68-74
A New Way to Find Our Lost Frontier. Drawings by Eldridge King spotlight several beautiful, undeveloped campsites available to U.S. travelers. c.p., c.d. 20 My 32-39
A Measured Look at the Big Fight. Artist Robert Handville's drawings show Sonny Liston's physical superiority, how Floyd Patterson lost the first fight and what he must do to win the second. d. 22 Jl 12-15
My Game and Yours, Part II: The Swing Is Simple. Arnold Palmer discusses, with aid of special drawings by Francis Golden, the three most important aspects of golf. c.p., c.d., d. 22 Jl 18-30
The Dramatic Moment. Artist Arthur Shilstone captures emotional climax of Wally Butts vs. Curtis Publishing Co. trial in Atlanta. d. 26 Ag 26-27
Back at the Rococo Ranch . . . Arnold Roth drawings show Los Angeles citizens—movie star, mortician, evangelist, muscle boy at beach—performing their daily rituals but concerned only with NL pennant race and possibility of Dodgers losing lead at season's end as they did in '62. d. 23 S 26-27
See How They Run. Robert Handville drawings capture pro-football's most exciting running backs in action, revealing their own special techniques for gaining yardage. c.d. 14 O 42-51
This Death Might Kill Boxing. Joseph Sheppard drawings show how Boxer Ernie Knox was ill-treated after fatal knockout. p., d. 28 O 16-21
A War on Ferocity. Illustrations by Robert Handville show growing problem of unnecessary roughness in pro-football. c.d., cov. 11 N 18-23
Stratford on 50-Yard Line. Marc Simont's drawings depict rabid Giant fans viewing home games at Yankee Stadium in Connecticut motels and motor inns because of New York metropolitan TV blackout. c.d. 25 N 32-35
Drawings by Robert Handville illustrate Boston Celtics' Frank Ramsey's tactics. c.d., d., cov. 9 D 57-63

DRAYTON, PAUL See **TRACK & FIELD**

DRIVING RANGES See **GOLF**

DROUGHTS See **CONSERVATION**

DRYSDALE, DON See **BASEBALL**

DUANE, JACK See **BOAT RACING**

DUANE, PAT See **BOAT RACING**

DUCKS See **HUNTING**

DUKE, U. See **BASKETBALL—College**

DUPLIN, JOE See **BOAT RACING**

DU PONT, MRS. RICHARD (ALLAIRE) See **HORSE RACING—Thoroughbred**

DUQUESNE U. See **BASKETBALL—College**

DU QUOIN, ILL. See **HORSE RACING—Harness**

DUROCHER, LEO See **BASEBALL**

DYNA (BOAT) See **BOAT RACING**

E

EDWARDS, VINCENT
Vincent Edwards TV's *Dr. Ben Casey* when assaulted by a disgruntled fan anesthetized him with a single right to the mouth. 9 D 64

EEL (FISH) See **FISHING**

ELEUTHERA II (BOAT) See **BOATING**

ELIZABETH, QUEEN MOTHER OF GREAT BRITAIN
Queen Mother Elizabeth is amused by Winner Carry On's sporting refusal to take the open ditch at Leicester's Quorn Steeplechase until other horses had a chance to catch up. 9 D 64

ELIZABETH ISLANDS See **TRAVEL**

ELLSWORTH, REX See **HORSE RACING — Thoroughbred**

ENGLEHORN, SHIRLEY See **GOLF**

ENGLISH POINTER See **DOGS**

EPIDEMICS See **HORSE SHOWS**

EPSOM DERBY See **HORSE RACING—Thoroughbred**

EPSOM OAKS See **HORSE RACING—Thoroughbred**

ERIKSEN, STEIN See **SKIING**

ERWITT, ELLIOTT See **CLOTHING**

ESCAPADE (BOAT) See **BOAT RACING**

ESTIN, PETER See **SKIING**

F

FACE, ROY See **BASEBALL**

FACE MASKS See **SKIN DIVING**

FAIRFIELD U. See **BASKETBALL—College**

FALCON (AUTOMOBILE) See **AUTOMOBILE RACING**

FALCONRY See **BIRDS; HUNTING**

FALL NATIONALS See **BRIDGE**

FAMILIES
A Big Man Even in Big D. Joe David Brown spotlights fabulous business empire of Texas' Murchison family; profiles Clint Jr., his various enterprises with brother John, organizing and financing of NFL's Dallas Cowboys. p. 21 Ja 58-64
Muley's Enchanted Summer. Dolly (Muley) Connelly recalls exciting vacation days shared by entire family on Jervis Island, purchased by her father from colorful character named Paul Lambert. c.r. 8 Jl 52-58
Centennial for a Horse Town. Paul Davis paintings of members of those families responsible for preserving charm, traditions of Saratoga Springs, famous N.Y. resort celebrating one-hundred years of thoroughbred racing. Notables include Mrs. Henry Carnegie Phipps, Howell and Dorothy Jackson, Mrs. Charles Payson and brother Jock Whitney, F. Skiddy von Stade. c.r., c.map. 5 Ag 34-39
One Wonderful Conch Is this Mira. John Underwood personality sketch on University of Miami's George Mira, nation's No. 1 college football quarterback, and the marvelous Mira family. p., cov. 23 S 96-114

FANS
Soccer's Religious Civil War. Violence, prejudice have dominated Scotland's annual soccer game between Catholic Celtics and Protestant Rangers since 1909, but now matches have deteriorated into a form of war; Gerry Cranham's photos show unruly spectators during, after game. p. 14 Ja 18-20
Fascinating World of Galleries. Hal Power's color photo essay spotlights distinctive galleries, picturesque and intriguing golf courses around the world as viewed on NBC-TV series, *Wonderful World of Golf*. c.p. 11 F 38-45
The Egg and the Net. Roger S. Hewlett disagrees with USLTA officials who believe spectator tennis, despite its lack of drama and excitement, will survive because participant tennis is flourishing around the world. p. 18 F 14-17
Big Days in the Pea Capital. Tom C. Brody reports that spectacular Center Gus "the Great" Johnson, U. of Idaho sophomore, is the pride of basketball-crazy Moscow, Idaho. 18 F 50-52
Games that Are a Ball for All. John G. Zimmerman's color photo essay captures highlights of '62 NCAA basketball championship playoff and enthusiasm among spectators, players. c.p., cov. 18 Mr 30-36
The Almost Perfect Pilgrimage of Boop and His Group. Walter Bingham spotlights Boop Rodenberg and friends whose wild enthusiasm, loud cheering, hand-painted signs were typical of Cincinnati fans present at NCAA basketball championship game; despite fans' support, Cincy was defeated by Loyola of Chicago. p. 1 Ap 24-25
The Quaint Cult of the Mets. Robert Creamer discusses sincerity of N.Y. baseball fans who enthusiastically root for Casey Stengel's Mets despite team's last-place position in NL in '62 and problems of game at the Polo Grounds. p. 6 My 61-63
On the Trail of a Hero. Ad Man Ed Graham travels to Kansas City to report, photograph typical day in life of New York Yankee Mickey Mantle; at airport, hotel and stadium the great slugger is pursued by youngsters seeking autograph or just a glimpse of their baseball hero. p. 26 Ag 50-55
A Very Dry Run in Tokyo. Lee Griggs praises Japanese organizers of Tokyo International Sports Week deliberately scheduled one year before opening of Olympic Games to test problems of crowd control. p. 28 O 64-67
The Disciples of St. Darrell on a Wild Weekend. Dan Jenkins account of weekend escapades of Texas football fans Elbert Joseph and Mary Sue Coffman, Cecil and Pat Morgan who traveled to Cotton Bowl and Waco to attend three big college games and one pro game. p. 11 N 62-65
Stratford on 50-Yard Line. Marc Simont's drawings depict rabid Giant fans viewing home games at Yankee Stadium in Connecticut motels and motor inns because of New York metropolitan TV blackout. c.d. 25 N 32-35
Just Nuts for the Bears. Drawings illustrate Chicago Bears loyal fans. c.d. 23 D 28-29

FAR EAST ASIA CHAMPIONSHIP See **BRIDGE**

FARRELL, CHARLES DAVID See **TENNIS**

FARRIS, MARCIE See **SKIN DIVING**

FASHION See **CLOTHING**

FAURE, ROBERT See **OLYMPICS**

FAVERSHAM, WILLIAM, JR. See **BUSINESS** 11 Mr 62-70

FAY, ALBERT See **BOAT RACING**

FAY, ERNEST See **BOAT RACING**

FEDERATION CUP See **TENNIS**

FEDERATION INTERNATIONALE DE SKI See **SKIING**

FERRARI (AUTOMOBILE) See **AUTOMOBILE RACING**

FERRARO, RONNIE See **SPORTS**

ERRIES, CHUCK See SKIING

IBER-GLASS See TRACK & FIELD

ICKER, BILL See ARCHITECTURE

IGHTS See HOCKEY

INISTERRE (BOAT) See BOATING

INLEY, CHARLES OSCAR See BASEBALL

INN, BARNEY See FOOTBALL—College

INNEY, ALBERT
Albert Finney (quoted) did not follow in his father's footsteps as a turf accountant because he does not have the talent for picking winners at the race track. 23 D 94

INSTERWALD, DOW See GOLF

IRES See CONSERVATION

IRESTONE TIRE & RUBBER CO. See CLUBS

ISCHER, BOBBY See CHESS

ISHBEIN, HARRY See BRIDGE

ISHER, MARY See HORSE RACING—Thoroughbred

ISHER, RICHARD T. See BOATS

ISHER-PIERCE CO. See BOATS

ISHERS ISLAND See TRAVEL

FISHING
See also FOOD
Something New in Fishing Tournaments at Palm Beach. Martin Kane reports that the success of the first Invitational Masters Tournament is due to new rules devised by John Rybovich Jr. and Lou Marron to test angler's skill. p. 28 Ja 42-43
The Patient Madmen of Sheepshead Bay. Arthur Zich reports, with Michael Ramus' illustrations, on amateur codfishermen who brave early-morning cold in hopes of catching prize-winning fish. c.d. 4 F 18-23
How to Eat a Piranha Before It Eats You. Actor Gardner McKay describes how he, and two South American natives, hunted, caught a piranha in Surinam's Tapanahoni River. c.p., p. 11 Mr 48-50
Rocky Mountain Springtime. Mark Kauffman photos capture first signs of spring in Colorado where, in mid-May, trout fishermen risk snow blindness, sudden blizzards to get to their favorite waters. c.p. 25 Mr 38-41
Hoover on Fishing. Excerpts from Herbert Hoover's book, *Fishing for Fun and to Wash Your Soul*, reveal former president's great love for the sport. 22 Ap 10-12
A Mob of Marlin in the Bays of Panama. Jack Olsen visits Texan Ray Smith's Club de Pesca de Panamá, a jungle fishing camp located on rich waters of Piñas Bay where angler will find a large variety of gamefish, from bonito to amberjack, and world's thickest concentration of black marlin. c.p., c. map, cov. 22 Ap 62-72
Pulling the Plug that Killed a Great Shad Stream. John Stuart Martin reports that 200 miles of the polluted Delaware River has been cleared by conservationists; anglers are now invited to catch the delectable shad that populated the river before industrial plants were built. 27 My 50
Malindi: A Place of Deep Water, Paintings and Nathan Adams byliner spotlight big-game fishing sweepstakes held off coast of Malindi in East Africa and won by *Bluefin* captained by Vivian Taylor, r., c.r. 17 Je 78-90
The World's Master Caster. Twenty-six-year-old Jon Tarantino (biopers), winner of seven world and 16 national events, discusses difficult, precise sport of tournament casting in article by Robert de Roos. c.r., r., cov. 8 Jl 30-36
Pennsylvania, O.K.! Arizona Senator Goldwater, fishing in Poconos as the guest of Outdoor Writer S. R. Slaymaker II, discovers trout streams in the East compare favorably with the wild western rivers. p. 15 Jl 18-19
Visitors Welcome, All Year Round. Owens Valley, located below the California Sierras, plays host to thousands of vacationers each year; trout fishing, skiing are valley's most popular sports. 12 Ag 39
This Is the Fish You Can't Catch Too Many Of. Dr. George W. Bennett, chief of Aquatic Biology Section of the Illinois Natural History Survey, explains to Robert H. Boyle why there should be no closed season, creel limit, minimum length on largemouth bass; findings based on 22-year study of bass and their environment at Ridge Lake, other fishing areas in Illinois Fishing tips. p., c.r. 19 Ag 34-39
A New Sport: Captain-Fishing. Virginia Kraft reports 1963 status symbol for yacht owners is to have a boat captain who is courteous, efficient and, most important of all, a first-class fishing guide; takeout on education and duties required, benefits. Growing feminine interest in angling has led to Captain-Stealing. c.r. 2 S 26-35
Colorado Jackpot. Jack Olsen describes fishing trip along the Colorado River from Las Vegas to El Golfo, Mexico; strange creatures inhabit cliffs, buttes of this winding river rich in oversized bass, trout, minnows and turtles. Account of auto trip through hot desert town of El Golfo where angler hoped to catch mysterious fish called the totuava. c.d. 2 S 52-59
And There Goes the Whole Weekend. Phil Bath photo of Robert Martin surf casting at Point Dume, Calif. where he, like so many fishing enthusiasts across the country, failed to catch anything the entire Labor Day weekend. p. 9 S 24-25
Wahoo. Jack Olsen takeout on Bermuda's greatest challenge to anglers, the wahoo; only one strike in twenty results in a boated fish because of its extraordinary speed, intelligence and unusual habits. Fishing excursion with champion wahoo skipper, Russell Young. c.d. 30 S 80-92
The Honest Angler. SPORTS ILLUSTRATED lauds book entitled *Red Smith on Fishing*, a collection of newspaper columns author has published since 1948; Smith does not offer advice to the angler, but merely relates amusing incidents about fishing trips he has taken. 7 O 15
'I Am a Bit of a Fanatic.' Robert H. Boyle column on Cus D'Amato, manager of former Heavyweight Champion Floyd Patterson, and his passion for fishing, especially for bass. p. 21 O 64-65
Prescription for Reverie. LIFE Photographer George Silk, Angler-Writer Larry Koller combine talents in excellent book entitled *The Treasury of Angling*. 4 N 13
I Won $100,000 and a Pair of Moldy Salmon. As pro golf season ends and he begins Florida fishing vacation, Champion Jack Nicklaus discusses with Gwilym Brown, the pleasures and pains of his inconsistent but lucky year. p. 9 D 26-27, 80-81
Singing Rivers and a Sea of Mud. Dedicated angler Ellington White with illustrations by Nicholas Solovioff describe the inhospitable, cypress-studded waters of the Santee-Cooper and wonders at the promises and betrayals of this vast Carolina lake. c.d. 16 D 66-76

FLAME (BOAT) See BOAT RACING

FLAMINGO STAKES See HORSE RACING — Thoroughbred

FLEMING, IAN See CLOTHING

FLEMING, MARV See FOOTBALL—Professional

FLICK, ELMER See BASEBALL

FLORIDA
Upland Shooting Down on Florida's Gold Coast. Virginia Kraft's takeout on Bill Bonnette's 24,000-acre game preserve in Palm Beach that has become, in less than one year, one of the finest in U.S. p. 4 Mr 52-55
Babes in a Swampland. William B. Furlong discusses the ingeniousness of Dick Pope Sr. (biopers) who, with imagination and industry, converted 164 acres of swamp in central Fla. into beautiful Cypress Gardens. 21 O 66-80

FLORIDA DERBY See HORSE RACING—Thoroughbred

FLORIDA STATE U. See BASEBALL

FLORLIS (HORSE) See HORSE RACING — Harness

FONTAINE, ANDRE
Reports on Midget Ocean Racing Club. 28 Ja 41

FOOD
Treats for a Ski Weekend. Fred R. Smith suggests variety of hot hors d'oeuvres, appetizers, main courses easy for wife to prepare, cook over open fire and still enjoy full day of skiing with the family; recipe for grilled chicken with lemon. c.p. 7 Ja 38-39
The Frogs of Spring Are Springing for Their Lives. Report by Barbara Heilman on various species, life cycle, peculiar characteristics of frogs and their commercial value as laboratory animals, food; references to book, *Frog Raising for Pleasure and Profit*, by Dr. Albert Broel. Two recipes for cooking frogs' legs. d. 1 Ap 46-48, 62-64
Some Tricks for the Roadside Escoffier. Pamela Knight reports on three new camper's stoves—Safari bucket, Sundiner, Bleuet S200—that are lightweight, easy to operate; tips on cooking meat. c.p. 20 My 40-41
Slipperiest Fish in the Sea. Virginia Bennett Moore describes mysterious habits, life cycle of the eel—difficult to catch, a delight to eat; various kinds of eels, their habitats and major spawning areas (map). Recipes for barbecued eel, eel soup with marigolds, c.r., c.map. 3 Je 38-44
Go Lightly into the Wilderness. Dolly Connelly reports that backpacker's food problem has been solved by a new method of food processing called freeze-drying that changes pounds to ounces; discusses dehydration technique, advantages, disadvantages. c.r. 24 Je 20-21
Fish, Fowl and Smoke. Robert Cantwell reports that new generation of patio sportsmen are showing a keen interest in home-smoked fish and game, using garbage cans, discarded refrigerators and various other articles for smokehouses; preparations, process, recipes, c.p. 28 O 52-55

FOOTBALL
See also CLOTHING
A Midsummer Night's Dream of Autumn. Dan Jenkins report on annual All-American bowl game of American Football Coaches Assn. won by the West at University of Buffalo; pro-football coaches praise, criticize performances of ex-college stars from East and West who will be the rookies of '63 season. Spotlight Minnesota's Bobby Bell signed by Kansas City Chiefs, 49er's' Kermit Alexander from UCLA. p. 8 Jl 44-45
Texas Is Where the Boys Are. Pete Turner photographic closeup on high school football in West Texas, proving ground for future Southwest Conference All-Americans. c.p. 23 S 34-35
Football's Hot Corner. Tex Maule takeout on primary functions, problems of today's corner back, a defense position that has become more important, difficult with extensive use of pass-and-spread attacks, man-to-man coverage; retired Tom Brookshier comments on speed and weight required, own experiences as corner back with Philadelphia Eagles. p., c. diag. 21 O 34-41
Is There a Dr. Tashiro on the Field? Tony Triolo photographic closeup on 47-year-old Dr. Kiyo Tashiro, general practitioner and surgeon in Rome, N.Y. who plays defensive halfback for Mohawk Valley Falcons, an Atlantic Coast Conference team founded by him. p. 28 O 46-50
Theater's George Abbott, former U. of Rochester halfback, muses that stage fright occurs in football just as it does behind the lights. 9 D 64
The Disciples of St. Darrell on a Wild Weekend. Dan Jenkins account of weekend escapades of Texas football fans Elbert Joseph and Mary Sue Coffman, Cecil and Pat Morgan who traveled to Cotton Bowl and Waco to attend three big college games and one pro-game. p. 14 N 62-85

College
Week's results compiled: 23 S 94; 30 S 61-67; 7 O 51-55; 14 O 58-60; 21 O 51-52; 28 O 60-62; 4 N 54-55; 11 N 57-63; 18 N 57-59; 25 N 79-83; 2 D 60-63; 9 D 71-72
Sportsman of the Year: Terry Baker. Alfred Wright's byliner on Scholar-Athlete Terry Baker (biopers) Oregon State's amazing quarterback, basketball player, perfectionist chosen by SPORTS ILLUSTRATED as Sportsman of the Year. p., cov. 7 Ja 19-21
Farewell to the Bandits? Southeastern Conference Chairman Wade Walker believes new NCAA football substitution rule will kill three-team system. 4 F 8
The More It Changes. . . . College football officials are reverting to an old rule which will enable quarterbacks, on the T formation, to receive a forward pass. 11 Mr 10-15
A Smolder in the South. Despite persistent rumors of dishonorable collusion among high officials of athletic staffs of rival colleges in football's Southeastern Conference, NCAA's Executive Director Walter Byers is reluctant to investigate the situation. 18 Mr 8
Double-Handled Irishman. Mich. State's Duffy Daugherty is most likely candidate to replace Notre Dame Football Coach Joe Kuharich. 25 Mr 7
A Debatable Football Scandal in the Southeast. Dan Jenkins discusses Insurance Salesman George Burnetts' shocking accusation that former Georgia Athletic Director Wally Butts and Alabama Coach Bear Bryant rigged a football game in '62; scandal made public in *The Saturday Evening Post* article. p. 25 Mr 18-21
Dan Jenkins byliner reports on notes which insurance man George Burnett claims he took during telephone conversation he was cut in on between ex.-U. of Georgia Football Coach Wally Butts and Coach Paul (Bear) Bryant of U. of Alabama. Coaches were in conversation allegedly to fix a game. p. 8 Ap 24-25, 109-110
Butts-Bryant (cont.). Following two-week investigation of Butts-Bryant football scandal, Georgia Att. Gen. Eugene Cook announced Butts gave vital information that could have affected outcome of Ga.-Ala. game. However, an examination of interrogation of Johnny Griffith, who succeeded Butts as Ga. coach, fails to support Cook's findings. 15 Ap 15
Ernie Davis—a Man of Courage. Alfred Wright tribute to 23-year-old Ernie Davis, former Syracuse halfback and member of Cleveland Browns, whose recent death of leukemia shocked the sports world. c.d. 27 My 24-25
Predicament Preview. Arkansas Coach Frank Broyles presents Abb Curtis, supervisor of officials for Southwest Conference, with nightmare situation that might result from college football's new substitution rule. 3 Je 13-14
Dan Jenkins reports on annual All-American bowl game of American Football Coaches Assn. won by the West at University of Buffalo. 8 Jl 44-45
A Trial that Has the South Seething. Dan Jenkins reviews college-football scandal revealed in *The Saturday Evening Post* article by Frank Graham Jr., Furman Bisher charg-

ing Georgia ex-Coach Wally Butts disclosed team strategy via phone to Alabama Coach Bear Bryant before game won by Ala. Insurance Man George Burnett accidentally heard conversation. Nicholas Solovioff drawings of principal characters testifying in Butts vs. Curtis Publishing Co. trial. d., c.d. 5 Ag 18-21

Poorly Packed for a Chicago Trip. Dan Jenkins lauds spectacular playing by College All-Stars in 20-17 victory over Green Bay Packers, pro-football champions, in Chicago's Soldier Field. p. 12 Ag 16-17

The Dramatic Moment. Artist Arthur Shilstone captures emotional climax of Wally Butts vs. Curtis Publishing Co. trial in Atlanta; ex-Georgia Football Coach Butts asserts *Saturday Evening Post* article falsely accused him of revealing team strategy to Alabama Coach Bear Bryant. p 26 Ag 26-27

'It's Not the Money, It's the Vindication.' Robert H. Boyle highlights Wally Butts vs. Curtis Publishing Co. trial in Atlanta that resulted from a *Saturday Evening Post* article accusing ex-Georgia Football Coach Butts of giving team secrets to Alabama Coach Bear Byrant. d. 2 S 46-47

Tech Is Ready to Ramble. Georgia Tech expected to announce its withdrawal from the Southeastern Conference at league meeting early next year; Coach Bobby Dodd dislikes SEC scholarship rules, is concerned with integration problem. 23 S 10

Throw, Throw, Throw. Dan Jenkins reports coaches of nation's leading college football teams are emphasizing the forward pass, depending more on quarterback's talents and a wider offense; closeup on young Texas Coach Darrell Royal. p., chart. 23 S 30-33

Scouting Reports. Mervin Hyman, Dan Jenkins, Harold Peterson, John Underwood analyze strengths and weaknesses of nation's major and small college football teams in Midwest, East, South, Southwest, West; best quarterbacks, teams in each division. c.r., p. 23 S 47-71

High-heeled Recruiter and a Mama's Boy. Humorous article by Mary Stuhldreher, wife of former Wisconsin Football Coach Harry Stuhldreher, recalls recruiting tactics she employed to persuade Charlie Murphy's mother and grandmother to send the young halfback to University of Wisconsin. d. 23 S 72-76

One Wonderful Conch Is this Mira. John Underwood personality sketch on University of Miami's George Mira, nation's No. 1 college football quarterback, and the marvelous Mira family. p., cov. 23 S 96-114

Settled Out of Court. Photos, comments of Alabama Football Coach Bear Bryant, Johnny Griffith of University of Georgia prior to game won by Alabama in manner similar to 1962 game that led to famous libel suit. p. 30 S 20-21

A Nail-biting Day in Athens. John Underwood describes excitement, tension at Georgia-Alabama football game in Athens, Ga. attended by Wally Butts, victor in libel trial against *The Saturday Evening Post* which stated ex-Ga. Coach gave strategy secrets to Ala. Coach Bear Bryant before '62 game; bitterness directed toward Johnny Griffith, unsuccessful Ga. Coach who testified against Butts. Ala. won by wide margin, 32-7, as it did in '62. p. 30 S 22-25

Hail Again the Likes of Alex Wojciechowicz! Reminiscent of 1930s, top college football teams are plentiful in the East and their heroes' names are as difficult to spell as former Fordham Lineman Alex Wojciechowicz; report on winning games for Navy, Pitt, Penn State and Syracuse, outstanding players. 30 S 61

A Hundred Plays in a Hundred-plus Degrees. Dan Jenkins lauds strategy used by Oklahoma Football Coach Bud Wilkinson in 17-12 victory over Southern California. p. 7 O 49-51

Beat the Clock. Southwest, Big Eight conferences convinced college football officials it is not illegal or unethical for passer to ground the ball intentionally in order to stop the clock when no time-outs are left. 14 O 12

Texas Makes It Look Simple. Texas Longhorns declared nation's No. 1 college football team following Cotton Bowl victory over favored Oklahoma Sooners; Neil Leifer photo of Texas Quarterback Duke Carlisle passing ball. p., cov. 21 O 22-25

A Very Big Head Getting Smaller. John Underwood closeup on cocky, self-centered USC All-America End Hal Bedsole who, while solving certain personality problems, has found it increasingly difficult to live up to reputation as one of college football's best receivers. p. 21 O 42-46

Pitt Wins (Boss's Orders). John Underwood attributes University of Pittsburgh football team's startling success, four straight victories, to spirit and determination of Chancellor Edward H. Litchfield, Coach John Michelosen's change in offense strategy, sensational passing ability of Quarterback Fred Mazurek. p. 28 O 22-29

The Enigma of the Interim Coach. Notre Dame's successful season on the gridiron attributed to reorganization, strategy changes and fighting spirit of "interim" coach, Hugh Devore. p. 28 O 59

Who Loves Harvard? Alfred Wright reports student, alumni enthusiasm for Harvard football team revitalized by 17-13 victory over Dartmouth in Cambridge. Harvard Quarterback Bill Humenuk, Halfback Scott Harshbarger played key roles in two touchdowns that broke Dartmouth's 15-game winning streak. p. 4 N 14-17

A Sudden Abundance of Big Lines in the Big Ten. Dan Jenkins reports majority of country's best interior linemen in college football are on Big Ten teams, Ill. Center Dick Butkus considered top linebacker in U.S., others; Coach Ara Parseghian's Northwestern line lacks power exhibited in previous years. p., cov. 4 N 50-53

Sports Illustrated grateful to twelve distinguished Americans who contributed valuable time to the judging of 71 candidates for this year's Silver Anniversary All-America Awards. 11 N 4

A Big Man in Any League. Gwilym Brown spotlights fantastic record-breaking career of Northern Illinois Quarterback George P. Bork, top pro-football draftee responsible for NIU's undefeated season, rank as No. 1 small-college team in U.S. p. 11 N 54-56

They Met the Challenges of a Changing Era. Brief sketches by Robert Cantwell on the 25 winners of Sports Illustrated's Silver Anniversary All-America Awards, college-football heroes selected for outstanding achievements, contributions made since their graduation in 1939, eve of World War II; twelve judges spotlighted. c.d. 11 N 64-66

The Upstarts Hit Judgment Day. Auburn, Illinois and Baylor football teams defeated in season's crucial game causing major upsets in conference races for first place. p. 18 N 28-29

A Coach Even the Faculty Likes. Morton Sharnik spotlights career of Baylor U. Coach John Bridgers, who believes football should be played for fun while other coaches think it's a war. p. 18 N 52-54

The Workmanlike Athlete. Plane crash killing most of California State Polytechnic College football team three years ago continues to have repercussions; contending that scholarship players were employees of Cal Poly, families sought payment from state workmen's compensation fund but failed since California Supreme Court refused to review majority of cases. 25 N 16-19

Out to Win in the City of Memphis. Gwilym S. Brown reports on Dr. Cecil C. Humpreys' Educational and Athletic Scholarship Program aimed at inspiring top college and high school football players to attend Memphis State U. and play for the Tigers, coached by Billy Murphy, now considered most powerful college team in the south. p. 25 N 77-79

Progress Report. U. of Mississippi will play U. of Alabama in the Sugar Bowl, creating problems outside the stadium as well as seating segregation. U. of Pittsburgh turned down offer to play; Baylor U. of Texas and S.M.U. in opening sport to all men. 2 D 14-16

A Setting For Greatness at Philadelphia. Dan Jenkins spotlights fantastic career of Navy Quarterback Roger Staubach, (biopers) glamour player of 1963; under Coach Wayne Hardin team has beaten Army four straight years, ten cancellations of Army-Navy games cited. p., cov. 2 D 32-37

Army's Future is Still Ahead. Box article highlights Army Football Coach Paul Dietzel's determination to beat Navy, despite problems posed by Army's admissions system that emphasizes egg heads rather than athletes and the changed substitution rule that has dropped his vital third platoon. 2 D 34

A Very Hard Look at Football. 1963 Silver Anniversary award winners compare the value of college football today with the 1938 version; several winners quoted. c.p., p. 2 D 38-44

Bumpy Journey to Oblivion. Princeton lightweight football player Scarff Downing describes brutality of game, continuous weight control problems and dedication of players; cites game with Rutgers and preparation for it. p. 9 D 28-33

Profit and Loss on a Long, Crucial Weekend. John Underwood reports that major football conference championships, and most major bowl games were aligned after unsettlingly close races. p. 9 D 69-70

The Army's Big Goof. Neil Leifer's photograph catches Referee Barney Finn signaling end of closely scored Army-Navy football game; Captain Tom Lynch and teammates rise in joyous relief as Army Captain Dick Nowack and his teammates look on in stunned disbelief. p. 16 D 22-23

Two Yards and the Clock. Dan Jenkins reports on Army-Navy football game, during which 5-time looser Army came within two yards of beating Navy. 16 D 59-60

The Grand Parade of the Bowls. Dan Jenkins scouting reports spotlight the college football bowl games to be played this year; Cotton Bowl, Orange Bowl, Rose Bowl, Sugar Bowl, Gator Bowl, Bluebonnet Bowl, Sun Bowl, Liberty Bowl; selections of the victors in all the bowls. c.d. 23 D 30-35

Professional

The Packers, Yes! Tex Maule's account of exciting NFL championship game won by Green Bay Packers for second straight year despite bitter cold weather and excellent playing by opposing New York Giants. p. 7 Ja 8-15

A Big Man Even in Big D. Joe David Brown's byliner on business empire of Texas' Murchison family; spotlights Clint Jr. (biopers), his various enterprises with brother John, organizing and financing of NFL's Dallas Cowboys. p. 21 Ja 58-64

The Shadow over Pro Football. Tex Maule reports rumors concerning Packers' Ron Kramer, Lions' Alex Karras, other football players, owners betting on games are being investigated by NFL Commissioner Pete Rozelle. p. 28 Ja 10-11

Stiffer Sentences. After studying some new evidence, NFL Commissioner Pete Rozelle decided to impose heavy penalties on players accused of betting or associating with persons of dubious character. 22 Ap 10

Players Are Not Just People. Tex Maule lauds action taken by NFL Commissioner Pete Rozelle who, after a long and careful investigation, suspended Paul Hornung of Green Bay Packers and Detroit Lions' Alex Karras, fined five other Lions, for betting on football games. p., chart. 29 Ap 22-27

Ernie Davis — A Man of Courage. Alfred Wright tribute to 23-year-old Ernie Davis, former Syracuse halfback and member of Cleveland Browns, whose recent death of leukemia shocked the sports world. c.d. 27 My 24-25

Cleanup Man. NFL Commissioner Pete Rozelle has appointed Captain Jim Hamilton to guard league against recurrence of betting scandals. 3 Je 10

Separate and Unequal. American Football League's two worst teams, the Oakland Raiders and New York Jets, offered only unknown rookies, mediocre players in an "equalization" draft for teams' improvement. 24 Je 6

Poorly Packed for a Chicago Trip. Dan Jenkins lauds spectacular playing by College All-Stars in 20-17 victory over Green Bay Packers, pro-football champions, in Chicago's Soldier Field. p. 12 Ag 16-17

An Accomplished But Doubting Dutchman. John Underwood closeup on Minnesota Viking Rookie Ron VanderKelen, former Wisconsin quarterback voted Big Ten's Most Valuable Player of 1962; Rose Bowl star attends training camp under Coach Norman Van Brocklin. p., cov. 19 Ag 20-27

Is That You Up There, Johnny Blood? Gerald Holland discusses life and legends of wild, unpredictable John Victor McNally, former Green Bay Packer halfback and player-coach of Pittsburgh Steelers, recently elected as charter member of pro-football's Hall of Fame. Colorful sports personality reveals why he adopted name of Johnny Blood, how Bryon (Whizzer) White, now Supreme Court Justice, was signed with the Steelers. p. 2 S 18-25

The Men. Portfolio of paintings by Bob Peak captures color, excitement, physical violence of professional football as seen from field level at the sidelines. c.r. 9 S 36-45

Scouting Report, NFL: The Cowboys Can Ride High on Better Defense. Tex Maule discusses why Dallas Cowboys, who finished fifth in '62, should win Eastern Division championship; young club's success, improvement credited to Owner Clint Murchison Jr., General Manager Texas E. Schramm, Head Coach Tom Landry. Green Bay Packers favored to take Western Division title for third straight year. p., cov. 9 S 47-62

Scouting Report, AFL: The New Chiefs Are an Old Story. Tom Brody favors Kansas City Chiefs to take Western Division championship but warns improved Denver Broncos could cause upset; Buffalo Bills set to win their first Eastern title. Brief analysis of teams, players in both divisions. p. 9 S 64-68

Day of the Game. Excerpt from book *Run to Daylight* by Green Bay Packer Coach Vince Lombardi, with W. C. Heinz, is detailed account of exciting game team won last fall. diag., p. 9 S 94-109

Too Many Chiefs Made Too Many Touchdowns. Dan Jenkins discusses decision made by Dallas Texan Owner Lamar Hunt, persuaded by H. Roe Bartle, to move AFL champions to Kansas City where, as the Kansas City Chiefs, they have proved worthy of a new, more enthusiastic following. p. 16 S 26-33

I Swore I Would Quit Football. Daily account of training-camp activities at Rough Acres Ranch by Ron Mix, offensive lineman with the San Diego Chargers. p. 16 S 62-71

The Pros Open Up Full Blast. Tex Maule report on NFL results opening weekend of its 44th season: simplicity of Bears' offensive,

defensive maneuvers upset Packers 10-3, Cardinals' pass-protection blocking was key to 34-7 victory over Dallas Cowboys, pass pattern executed by Giant Y.A. Tittle and Halfback Phil King beat Colts 37-28, Frank Ryan's quarterbacking and passing put Browns in lead over Redskins. p. 23 S 28-29

Just Call Me Football's Greatest Scout. Myron Cope byliner on Raymond (Fido) Murphy, loud, self-opinionated ex-athlete employed by Chicago Bears and Pittsburgh Steelers to Scout college talent and upcoming NFL opponents. p. 30 S 32-40

The Big Man Who Wasn't There. Tex Maule account of Green Bay Packers' 31-10 victory over the Detroit Lions whose defense tactics proved powerless without Tackle Alex Karras. p. 30 S 76-78

Big Brown Boom. Tex Maule reports absence of Paul Brown as coach of the Cleveland Browns accounts for improved performances of Fullback Jimmy Brown, Quarterback Frank Ryan, team's undefeated record and first-place position in NFL Eastern Division. p. 7 O 16-19

See How They Run. Robert Handville drawings capture pro-football's most exciting running backs in action, revealing their own special techniques for gaining yardage; portfolio spotlights Jon. Arnett of the Rams, Washington Redskin Bobby Mitchell, Buffalo's Cookie Gilchrist, Alex Webster of the Giants and Dallas Cowboy Don Perkins. c.d. 14 O 42-51

A Workhorse Texas Bull. Jack Olsen spotlights fast-moving alert Fullback Ronnie Bull, '62 Rookie of the Year and star of George Halas' title-contending Chicago Bears. cov. 14 O 52-54

War in the East, Impatience in the West. Tex Maule reports on Browns' surprising victory over rough, tough Pittsburgh Steelers; Y. A. Tittle expected to be Cleveland's biggest problem in game against the Giants. Dallas Cowboys lose fourth straight game; in West Packers prepare for showdown with Chicago Bears. San Diego Chargers, first in AFL Western Conference, to meet leading team in East, New York Jets. 14 O 65

The Plan That Worked. Cleveland Browns successfully execute strategy designed to stop Giants' sensational passer, Y.A. Tittle; series of photos by James Drake show Cleveland Ends Paul Wiggin and Bill Glass tackling Tittle. p. 21 O 16-17

Fatal Failure to Pick Up Some Options. Tex Maule reports change in Cleveland Browns' strategy enabled team to control passing of Y. A. Tittle, defeat New York Giants 35-24; Fullback Jim Brown, aided by Quarterback Frank Ryan and option blocking, outmaneuvered Giant defense for three touchdowns. 21 O 18-19

Tex Maule takeout on primary functions, problems of today's football corner back. p., c. diag. 21 O 34-41

'I Don't Need Money, I Need Points.' Walter Bingham byliner on young, bright, aggressive Al Davis (biopers), new coach of Oakland Raiders responsible for team's remarkable improvement, fans' enthusiastic support. p. 4 N 27-29

When the Pros Play the Game in Mud Time. Neil Leifer color photographs show what a rainy Sunday can do to football pros' appearance, amount of mud acquired during game becomes player's special trophy. c.p. 4 N 30-35

Winning Took a Giant Adjustment. Tex Maule reports on passing of Y. A. Tittle, defensive strategy devised by Coach Allie Sherman and flawlessly executed by Giant linebackers enabled New York team to limit action of Cleveland Back Jim Brown, beat undefeated Browns 33-6. p. 4 N 56-57

A War on Ferocity. Walter Bingham discusses, with illustrations by Robert Handville, growing problem of unnecessary roughness in pro-football, how former Notre Dame Coach Joe Kuharich, appointed supervisor of officials by NFL Commissioner Pete Rozelle, is attempting to control it; season's new rules designed to protect runners, passers from serious injury. c.d., cov. 11 N 18-23

Bench Jockeys Who Can Also Ride. Tex Maule lauds exceptionally capable Green Bay Packer substitutes, spotlights John Roach, Elijah Pitts, Marv Fleming who successfully replaced team's key players in game against Baltimore Colts. 11 N 68-70

Y. A. Tittle Is The Beat Policy. Tex Maule spotlights New York Giant Quarterback Y. A. Tittle, at the age of 37, the best quarterback in action today. p. 18 N 64-66

Closeup on SPORTS ILLUSTRATED's No. 1 pro-football analyst Hamilton Bee (Tex) Maule whose on-the-spot reporting captures color, excitement of nation's fastest growing spectator sport. p. 25 N 4

Down Go the Packers. Tex Maule account of how Chicago Bears defeated World Champion Green Bay Packers taking first place in the NFL Western Conference without major strategy changes by Owner-Coach George Halas. p., cov. 25 N 28-31

Stratford on 50-Yard Line. Marc Simont's drawings depict rabid Giant fans viewing home games at Yankee Stadium in Conn. motels and motor inns because of New York metropolitan TV blackout. 4 c.d. 25 N 32-35

Charley's Formula Worked. Tex Maule reports three-way tie in Eastern Conference caused by tactics and strategy of St. Louis Cardinal Charley Johnson (brief biopers) against New York Giants, Cleveland Brown Frank Ryan emerging victorious over Dallas Cowboys. p. 2 D 64-70

Two Tied at the Top. Tex Maule describes strategy used by Cleveland Browns to defeat the St. Louis Cardinals, cites winning tactics of Cardinals' Quarterback Frank Ryan; possibility of Browns meeting New York Giants at playoff for the NFL Eastern Conference Championship. p. 9 D 22-25

The Two Pro Football Leagues Must Meet. Pros and Cons of pro football "World Series" between AFL and NFL discussed; reprint of letters between AFL Commissioner Joe Foss who wants game, and NFL Commissioner Pete Rozelle who temporarily rejects offer; Dan Jenkins report predicts AFL could win; Tex Maule predicts NFL only possible victor. San Diego's Rote and Lowe in action. cov., p. 16 D 24-32

With the Packers, a Stumble is not a Bad Fall. Tex Maule reports Green Bay Packers refute the experts and win over Los Angeles Rams. p. 16 D 55-56

The Giant Story. Article by Tex Maule with photos by Walter Iooss Jr., spotlight the New York Giants defeating the Pittsburgh Steelers for their third straight Eastern Division championship; Giant will meet Chicago Bears for the league championship; Y. A. Tittle, Aaron Thomas, Frank Gifford, in action against Steelers. p. 23 D 22-27

Just Nuts for the Bears. Drawings illustrate Chicago Bears loyal fans. c.d. 23 D 28-29

FORD, EDWARD (WHITEY) See **BASEBALL**

FORD MOTOR CO. See **AUTOMOBILE RACING**

FORESTS & FORESTRY See **CONSERVATION**

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FOSTER, ARCHIBALD McGHEE See **BUSINESS** 11 Mr 62-70

FOX, RICHARD KYLE See **PRESS**

FOWLE, LEONARD M. See **BOATING**

FRANCE

Joyful School for City Kids. Jean Marquis photographs some of France's 30,000 urban school children enjoying government-sponsored snow classes at chalets in Alps, Pyrenees. p. 23 Mr 32-36

Tomorrow the World. President de Gaulle, shocked by France's rank of 17th in '60 Olympics, demanded athletes show a change by 1964. 22 Jl 6

FRANCIS, EARL See **BASEBALL**

FRAZER'S HOG CAY See **ISLANDS**

FREDERICK II, HOLY ROMAN EMPEROR See **HUNTING**

FREEMAN, RON See **TRACK & FIELD**

FREEZE-DRYING See **FOOD**

FREY, RAYMOND T. See **AWARDS** 11 N 64-66

FRIEND, BOB See **BASEBALL**

FROEHLING, FRANK See **TENNIS**

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FULLMER, GENE See **BOXING**

FURLONG, WILLIAM B. See **FLORIDA**

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GALBREATH, JOHN See **HORSE RACING — Thoroughbred**

GAMBLING

See Also **FOOTBALL—Professional**

The Run for the Cheese. English racetracks were closed because of snow but Bookie Derek Webster kept horse-players happy by staging mouse races; sport abolished within a few days by Royal Society for the Prevention of Cruelty to Animals. p. 28 Ja 16-17

The Intolerable Squeeze. Dr. Albert Hammond, philosophy professor at Johns Hopkins University, discusses how state increases in the take at race tracks are affecting racegoers, especially $2-bettors. p. 6 My 34-47

A Triumph Against All Odds in Las Vegas. Alfred Wright spotlights Jimmie (The Greek) Snyder, chief oddsmaker at golf's unique event, the Tournament of Champions at Desert Inn Country Club, won by Jack Nicklaus. p., c.chart 13 My 30-33

Off Limits. Baseball officials are taking steps to prevent scandals similar to those disclosed by the NFL; certain popular "spots" in Kansas City and Milwaukee frequented by gamblers have been declared off limits for players, coaches, umpires. 8 Jl 6

Riot at Roosevelt. Holders of 82,000 twin-double tickets start riot at Roosevelt Raceway after harness race ruled official despite fact only two of eight horses finished. 18 N 15

GAME PRESERVES See **HUNTING**

GAMES

Lords of Fun and Games. Gilbert Rogin byliner on Mark Goodson (biopers) and Bill Todman (biopers), the two ingenious men responsible for inventing, producing TV's most popular game or audience-participation shows. p. 24 Je 52-60

The Play-Money Game That Made Millions. J. W. Wilkinson reports on America's biggest-selling board game, Monopoly, invented by Charles Darrow and marketed by Parker Brothers, Inc. c.d., d. 2 D 52-59

GAMES OF THE NEW EMERGING FORCES See **SPORTS**

GARCIA, JUAN See **BULLFIGHTING**

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GERDTS, JOERN

Photos spotlight U.S. Ski Association's two-week Alpine training camp at Vail, Colo. 14 Ja 12-17

Visits a vacation village on South Sea Island of Mooren. 1 Jl 48-59

Portfolio of photos of Owens Valley, California, sportsmens' paradise. 12 Ag 28-39

GERMANY See **HUNTING**

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GIBSON, ROBERT W. See **AWARDS** 11 N 64-66

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GILBERT, BIL

Describes how he trapped and trained a red-tail hawk, Tor, for hunting. 4 F 50-55

Trip to Cranesville (W.Va.-Md. border) swamp with two other amateur mammalogists in search of northern water shrews is highlighted by observing, wild minks in the snow. 18 Mr 38-44

GILCHRIST, COOKIE See **FOOTBALL—Professional**

GILES, WARREN See **BASEBALL**

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GOLD CUP RACE See **BOAT RACING**

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GOLDEN RULER (HORSE) See **HORSE RACING—Thoroughbred**

GOLDRATH, BERT See **BOATS**

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Jack Nicklaus' tips for golfers 7 Ja 51; 14 Ja 44-45; 4 F 34; 11 F 52; 18 Mr 48; 8 Ap 94; 6 My 58; 13 My 66; 27 My 56; 10 Je 56; 24 Je 48; 9 S 74; 16 S 46; 23 S 78; 7 O 60; 14 O 69; 11 N 50; 18 N 63; 25 N 73; 9 D 66; 23 D 96

Vintage Year for Champions. Thirteen-page photo essay spotlights '62 champions, runners-up who helped create decisive moments in sport, including golf's Jack Nicklaus and Joanne Gunderson. c.p., p. 7 Ja 22-34

Fat, Sassy and Sensational. Walter Bingham's personality sketch on 24-year-old Philamon Webster Rodgers (biopers), outspoken, conceited golfer who shares spotlight with Jack Nicklaus as best rookie on PGA tour. p., cov. 14 Ja 24-27

The $2,000,000 Gambol Begins. Alfred Wright predicts big year for pro-golfers, especially Arnold Palmer, Jack Nicklaus; $2 million in prize money, newcomers, TV coverage add new excitement to PGA tour, Pros' opinions of fellow golfers cited. p. 21 Ja 10-13

The Am in Pro-Am. Alfred Wright text with drawings by Edward Sorel sympathizes with amateur golfer's at the Crosby Clambake, who must concentrate on game while pros, celebrities enjoy themselves during the National Pro-Amateur Golf Championship. c.d. 28 Ja 48-53

Payday on the Senior Circuit. Robert Creamer praises quality of playing exhibited in PGA Seniors' Teacher Trophy tournament reserved for pro-golfers 50 or older. p. 11 F 22-23

Fascinating World of Galleries. Hal Power's color photo essay spotlights distinctive galleries, picturesque and intriguing golf courses around the world as viewed on NBC-TV series, *Wonderful World of Golf*. c.p. 11 F 38-45

Form Fore and Aft. Unusual stances, swings displayed by four girls at Studio City driving range in Los Angeles. p. 18 F 18-19

Secrets of the Short Game. PGA champion and Ryder Cup team captain Jerry Barber, with Gwilym S. Brown, describes in detail his technique for crucial shots made within 75 yards of the green. d., c.d., cov. 18 F 32-40

Papwa's Championship Play. Ernest Shirley reports that Hindu Sewsunker (Papwa) Sewgolum wins Natal Open and makes political history: as the first non white to hold a South African golf title, he is forced to accept trophy outside Durban's all-white clubhouse. p. 18 F 49

Secrets of the Short Game, Part II: The Sand Shots. Applying four short-game fundamentals discussed in previous article, Jerry Barber, with Gwilym S. Brown, describes adjustments necessary for sand shots. c.d., d. 25 F 50-53

Expanding Showcase. U.S. pro-golfers considering major rule deviation: upping limit of clubs from 14 to 16. 4 Mr 0

Player in Paradise. Gary Player, one of golf's Big Three enjoying job as celebrity pro at Paradise Island, discusses with Alfred Wright, diet, exercises, changes in attitude and technique enabling him to play the finest golf of his career. p. 18 Mr 22-27

Champagne Tony Has a Winning Look. Gwilym S. Brown byliner on pro-golf's young playboy Tony Lema (biopers) whose sudden success, after five years of touring, is attributed to change in temperament, sensible approach to sport. p. 25 Mr 26-31

The Masters. Portfolio of photographs by Pete Turner captures the brilliant colors of a Georgia springtime, setting for Masters golf tournament. c.p., cov. 1 Ap 26-35

Ready for War at Augusta. Preview of Masters golf tournament by Alfred Wright, Frank Mullins' drawings, spotlighting Arnold Palmer, Gary Player, Jack Nicklaus as the leading contenders, with brief reports on pro-careers of eight of the strongest challengers—Billy Casper, Phil Rodgers, Gene Littler, Dow Finsterwald, Tony Lema, Doug Sanders, Tommy Bolt, Art Wall—out to beat the Big Three at Augusta National. c.d., d., cov. 1 Ap 36-39

Young Jack the Mighty Master. Alfred Wright reports that strength, determination, accuracy made Big Three's Jack Nicklaus the youngest Masters champion ever, defeating contenders Gary Player, Tony Lema, Julius Boros, Sam Snead on last day of competition. Palmer placed ninth but ranked fourth on money winning list. p. 15 Ap 26-31

I Changed My Game to Win the Masters. Jack Nicklaus, in an exclusive interview with Gwilym S. Brown, tells how a newly learned hook shot, other pretournament preparations contributed to his victory in the Masters at Augusta National. c.p., p. 22 Ap 18-23

A Triumph Against All Odds in Las Vegas. Alfred Wright spotlights Jimmie (The Greek) Snyder, chief oddsmaker at golf's unique event, the Tournament of Champions at Desert Inn Country Club, won by Jack Nicklaus. p., c.chart 13 My 30-33

Tokyo's Garden of Golf. Three-tiered structure at Shiba Driving Range in golf-crazy Japan can accommodate 150 golfers at one time. p. 20 My 22-23

Board, Books and Birdies. Dan Jenkins reports America's colleges are producing today's top pro and amateur golfers; scholarship program, recruiting and training methods at University of Houston where Dave Williams coaches team now dominating college golf. p. 20 My 43-54

Golf Gets Its First Southpaw Hero. Alfred Wright byliner on New Zealand's solemn, left-handed Golfer Robert Charles (biopers). p. 27 My 28-32

Palmer Gets Fit to Fight Again. Arnold Palmer, defeated in his last four tournaments, returns to Latrobe, Pa. for two-week rest at home; discusses slump problem. p. 3 Je 22-25

Good Looks and Good Golf on the Ladies' Tour. Gwilym S. Brown reports newfound success of The Ladies Professional Golf Assn. due to increased number of attractive, talented young women, changes and improvements made by Tournament Director Leonard Wirtz; James Drake photos spotlight Sandra Haynie, Lesbia Lobo, Shirley Englehorn, Judy Kimball, Judy Torluemke, c.p. 3 Je 32-37

If Only It Had Ended Friday. Henry Longhurst takeout on the exciting U.S.-Great Britain Walker Cup golf tournament in Turnberry, Scotland. 3 Je 54

High Time for All at the Bourbon Open. Bill Surface takeout on Bardstown, Kentucky Bourbon Open, world's only three-day tournament where contestants play for one day, socialize for two days downing bourbon which is awarded as prizes (an idea conceived by Distillery President Charlie DeSpain, p.) 10 Je 60-62

An Old Club Offers a New Challenge. Defending Champion Jack Nicklaus, in Gwilym S. Brown article, discusses strategy necessary to conquer difficulties, weaknesses of golf course at The Country Club (Mass.) where the U.S. Open will be held. c.p., p., c. diag., d. cov. 17 Je 46-53

Palmer and Jones. Golfer Bobby Jones insists quotes used by Ernest Havemann in article on Arnold Palmer's slump were taken from a newspaper interview in which he was misunderstood and half quoted. 17 Je 94

The Word for the T-Bird Was 'Ouch.' Gwilym S. Brown takeout on $100,000 Thunderbird Classic at Westchester Country Club where Arnold Palmer returned from a four-week rest to win first prize; Ben Hogan's appearance seemed to mark end of his serious golf; Jack Nicklaus suffered pulled back muscle but responded to treatment. p. 24 Je 16-17, 50

Big Jay Has His Day. Alfred Wright account of exciting U.S. Open Championship at The Country Club in Brookline, Mass. where, despite severe winds and heavy rough, a calm, 43-year-old Julius Boros defeated Arnold Palmer, Jacky Cupit in the playoff. p., cov. 1 Jl 16-21

'I Got All Keyed Up and I Thought I Was Going to Win.' Masters champion Jack Nicklaus explains how failure to maintain emotional control caused his downfall in U.S. Open. p. 1 Jl 20-21

Way Under Par in a Parking Lot. Peggy Downey takeout on the $50,000 National Putting Championship in which 231 putters, mostly members of Professional Putters Assn., competed for $10,000 first prize on miniature course at Great Northern Shopping Center in North Olmstead, Ohio; 20-year-old John Spotts, Belmont Abbey College (N.C.) student, made 100 holes in one to take the title. p. 15 Jl 16-17

The Pristine Joys of Golf. Art Kane color photographs capture exciting, graceful maneuvers of golf. c.p. 15 Jl 30-39

My Game and Yours by Arnold Palmer

Part I: Good Golf Is a State of Mind. c.d., cov. 15 Jl 28-30, 39-42

Part II: The Swing Is Simple. c.p., c.d. 22 Jl 18-30

Part III: The Winning Shots. c.p., d. 29 Jl 24-30

Part IV: Thinking Man's Golf. d., p. 5 Ag 28-33

Part V: Rewards for the Bold. d., p. 12 Ag 40-42, 44-45

The Ham and the Knife. Gwilym S. Brown reports a calm, dignified Bob Charles of New Zealand defeated Phil Rodgers, U.S. golf clown, to become first left-handed winner of British Open. p. 22 Jl 10-11, 43-45

Hottest Man in a Furnace. Alfred Wright reports on PGA championship in Dallas where 100° temperatures slowly melted hopes of all but Jack Nicklaus who won the $13,000 first prize. p. 29 Jl 16-17

A Good Time to Obey a Mother-in-law. Jack Nicklaus tells Gwilym Brown that constant traveling, weather conditions, fantastic cash prizes are creating problems for today's pro-golfers. Week after competing in British Open Nicklaus wins PGA Championship despite Dallas heat. p. 5 Ag 44-45

My Golf Has Been My Life. Arnold Palmer reveals how he learned to play golf. 12 Ag 42-43

If You See a Snake, Hit It. Portfolio of photos records zany golf tournament in Mexico. p. 26 Ag 20-25

Where Is the Golf Course of the Workers? Gwilym S. Brown takeout on Firestone Country Club in Akron, the golf course supported by Firestone Tire & Rubber Co. to enable its employees and their families to enjoy excellent sport facilities at a low membership rate. p. 26 Ag 42-44

New Darling of the Galleries. Rex Lardner account of 63rd annual USGA Women's Amateur championship spotlights tournament's youngest finalist, sixteen-year-old Peggy Shane Conley; she battled for title in final match against Anna Quast Decker who became champion for the third time. p. 2 S 14-15

A Pair of Pained Plutocrats Gave TV a Show. Gwilym S. Brown report on TV's $75,000 World Series of Golf at Firestone Country Club in Akron won by Jack Nicklaus who defeated Arnold Palmer, Julius Boros and Bob Charles despite disturbance caused by spectators angry over *Akron Beacon Journal* article on off-course needling between Nicklaus and Palmer. p. 16 S 20-21

The Deane of the Amateurs Wins Again. Gwilym S. Brown account of 63rd National Amateur golf championship won for second time by Deane Beman in 36-hole final match against former National Amateur Public Links Champion Dick Sikes. p. 23 S 90-92

The British Went Out in the Noonday Sun. Alfred Wright discusses British team's failure to beat U.S. team, captained by Arnold Palmer, in Ryder Cup matches. p. 21 O 53-54

Championship in a Royal Barnyard. Paul Evan Ress reports on preparations for International Golf Championship at Saint-Nom-la-Bretèche club, located on site of one of Louis XIV's farmyards near Versailles; thirty-three countries competing for Canada Cup, Jack Nicklaus and Arnold Palmer representing U.S. c.p., p. 21 O 58-60

Spain Sent a Two-Man Armada. Henry Longhurst account of 11th annual Canada Cup Matches, known also as the International Golf Championship, won by Jack Nicklaus and Arnold Palmer against Spain's sensational Sebastian Miguel and Ramon Sota on final day of tournament. p. 4 N 18-20

I Have Joined Arnie's Army. Duke of Windsor discusses lifelong pleasure, satisfaction derived from playing and watching golf, admits great admiration for Arnold Palmer whom he saw win Canada's Cup. p. 4 N 20-21

'I Got a Touch Like a Blacksmith.' While on annual golfing holiday, former Yankee Catcher Yogi Berra discusses with Gerald Holland the various aspects of new job as N.Y. manager. p. 11 N 28-35

The East Succumbs to a Western Craze. Alfred Wright reports on golf as Orient's fastest growing sport, spotlighting Japan and Malaya. Over 300 courses, featuring competent girl caddies, attract Japan's 2-million golf enthusiasts including country's leading businessmen; Tunku Abdul Rahman, Malaysia Prime Minister and King Yang Di-Pertuan Agong popularize game in Malaya. p. 25 N 86-91

I Won $100,000 and a Pair of Moldy Salmon. As pro golf season ends and he begins Florida fishing vacation, Champion Jack Nicklaus discusses with Gwilym Brown, the pleasures and pains of his inconsistent but lucky year. p. 9 D 26-27, 80-81

A New Grip on the Game. Gwilym S. Brown describes new golf club grip—the "G" Grip (p.)—designed by John Garrity who has moved the narrow end of the grip from the bottom to the top. 16 D 53

The favorite in the golf tournament between 30 members of the House of Representatives is Congressman Jack Westland (R., Wash.), onetime (1952) National Amateur champion. Other potential winners are: Leslie Arends of Ill., Robert Michel of Ill., William Bates of Mass., and Edward Boland of Mass. 23 D 94

G Whiz. "G" Grip Corp. President John K. Garrity praises S.I.'s splendid report on the "G" Grip. 23 D 124

GOLF COURSES See **GOLF**

GONZALEZ, PANCHO See **TENNIS**

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GOREN, CHARLES See **BRIDGE**

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GRAND PRIX See **AUTOMOBILE RACING**

GRAND PRIX DE PARIS See **HORSE RACING—Thoroughbred**

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GUGGENHEIM, HARRY See **HORSE RACING—Thoroughbred**

GUIDES See **TRAVEL**

GUNDERSON, JOANNE See **GOLF**

GUNS

The Rifle Called Daisy. Joe David Brown reports on 75-year history of Daisy Manufacturing Co., leading producer of the air rifle, or BB gun; Cass Hough (biopers) continues

to run organization according to high standards set by Grandfather Lewis Hough, one of its founders. p. 29 Ap 58-66
An Inventor Takes the Kick Out of Shooting. Duncan Barnes report on Ralph O. Hoge's ingenious recoil-absorbing device called the Hydro-Coil that, when installed inside a gun stock, will reduce powerful kick of shotgun or rifle to a nudge. d. 9 S 89-92
Arms and the Law. Assassination of President Kennedy and subsequent shooting of Lee Harvey Oswald gives further impetus to crusade for registering all firearms. 9 D 15

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HACKETT, ROBERT See **HORSE RACING—Harness**
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The Intolerable Squeeze. Philosophy professor at John Hopkins University discusses how state increases in the take at race tracks are affecting racegoers, especially $2-bettors. 6 My 34-47
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Discusses Arnold Palmer's slump as golfer, defeated in last four tournaments, returns home for rest. 3 Je 22-25
Writer-horseowner humorously describes his financial woes now that his three-year-old filly Nubile has moved into big-money circle. p. 22 Jl 16-17
Havemann's filly Nubile places fourth in Delaware Handicap. 5 Ag 8
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Reports on fine performances at the New York National Horse Show. 25 N 92-99
HIKING
Take a Million Giant Steps. Politicians, Marines, students, secretaries, others are on the march, hiking up to 50 miles, as a result of correspondence between Marine Gen. David M. Shoup and President Kennedy concerning fitness of today's Marine. 25 F 8
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HLAVACEK, JOHN See **AWARDS** 11 N 64-66
HOCKEY
The Black Hawks Are Now the Bright Hopes. Arlie W. Schardt reports that Chicago Black Hawks' first-place tie with Toronto in NHL midway through season broke two-year tradition of slow starts, fast finishes. Success due to team's reorganization under Coach Rudy Pilous. p. 14 Ja 46-47
High Voltage on the Detroit Ice. Arlie W. Schardt spotlights Defenseman Howard Young of Detroit Red Wings whose roughhouse tactics, costly at times, win games and provide hockey fans with fast, exciting action. p., c.p., cov. 28 Ja 24-32
Border Warfare. Cadets from Royal Military College of Canada visit West Point to match their skill in hockey, promote good will among the future officers of Canada, U.S. p. 11 Mr 22-23
Disaster on the Ice. Poor showing by U.S. hockey team in Europe, world championships due to Amateur Hockey Association's financial policy, colleges' lack of interest in sport. 18 Mr 8
Officiating Mess in the National Hockey League. Eddie Powers, who quit as NHL referee, discusses sad plight of hockey's referees, linesmen, in article by Dave Anderson, Roger S. Hewlett; League President Clarence Campbell, Referee in Chief Carl Voss criticized for not backing officials in controversial situations, disregarding rulebook, minimizing referee's role in game. p. 8 Ap 26-35
Dregs from the Cup that Enriches. Rex MacLeod reports that Coach Punch Imlach's Toronto Maple Leafs won Stanley Cup with ease in postseason series of games; spotlights Center Dave Keon. p. 29 Ap 51-52
The Rich Bounty of Mutiny. Herman Weiskopf reports on success of first place Chicago Black Hawks hockey team since Coach Billy Reay replaced Rudy Pilous. p. 2 D 72-74
Relief for Backward People. Brief submitted to Canadian tax commission proposes taxes on pro-hockey players' salaries in Canada be spread beyond their playing years. 16 D 15
Now, It's Alley Fights on the Ice. Herman Weiskopf reports that rough play has begun to emerge as a formula for hockey victory; serious injuries hospitalize players; Chicago Black Hawks and Toronto Maple Leafs have the most violent fight in the NHL in 10 years. p. 23 D 36-37
HOCKINSON, JOEL See **CONSERVATION**
HODGES, MARY JANE
Leonard M. Fowle, member of North American Yacht Racing Union's junior sailing committee, discusses ingredients necessary for the success of yacht club's Junior Sailing Program through which youngsters may learn the skill, fun of sailing. c.d. 24 Je 35-38
HOGAN, BEN See **GOLF**
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Sports banquet period is at its peak. Spotlights the various dinners sponsored by sportswriters, radio and TV broadcasters across the country. 14 Ja 48-53
Byliner on amiable National League President Warren Giles. 10 Je 32-41
Closeup on Norman S. Woolworth who is both owner, competitor in harness racing. 15 Jl 20-27
Discusses the life and legends of wild, unpredictable John Victor McNally, former Green Bay Packer halfback and player-coach of Pittsburgh Steelers. 2 S 18-25
Former Yankee Catcher Yogi Berra discusses various aspects of new job as N.Y. manager. 11 N 28-35
HOLLAND, JEROME H. See **AWARDS** 11 N 64-66
HOLMES, SHERLOCK
Sherlock Holmes, Sportsman. Study by William S. Baring-Gould, member of The Baker Street Irregulars, of life, adventures of Sherlock Holmes and observations recorded by friend Dr. John H. Watson reveals London's great detective was an equally skilled athlete despite addiction to cocaine, strong spirits; Thomas B. Allen's etchings depict Holmes's interests, work, athletic endeavors. r. 27 My 34-36
HONG KONG See **SPORTS; TRAVEL**
HOOVER, HERBERT See **FISHING**
HOPE, BOB
Hope: All Kinds of a Nut About Sports. Jack Olsen closeup on Comedian Sportsman Bob Hope. p., cov. 3 Je 64-74
HOPEFUL (HORSE RACE) See **HORSE RACING—Thoroughbred**
HORN, HUSTON
On eve of Westminster Kennel Club show, A. Peter Knoop explains how handlers' tricks, judge's personal prejudices can be instrumental in choosing best-in-show. 11 F 35-37
Byliner on community life, estates, residents in Middleburg, Va. where horse is king, society's leaders enjoy fox hunting at its best. 11 F 62-70
Closeup on The Louisville Sponsoring Group, a syndicate backing Cassius Clay. 11 Mr 62-70
Account of Cassius Clay-Douglas Jones fight. 25 Mr 16-17, 56-57
Visits gym where Hollywood cast, crew shoot TV drama *Epilogue*. 1 Ap 84-98
Describes Cassius Clay's predicted five-round victory over London's Henry Cooper. 1 Jl 42-45
Discusses why Germany's Volkswagen, with only two U.S. customers in 1949, has fast become country's most popular foreign car. 19 Ag 58-67
Attends Denver press conference for signing of contract between Sonny Liston and Cassius Clay. 18 N 26-27
Discusses phenomenal increase in Vermont income due to rapid growth of ski areas. 18 N 30-34
HORNUNG, PAUL See **FOOTBALL — Professional**
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HORSEBACK RIDING See **CLOTHING** 2 D 46-51
HORSE RACING
Harness
Tax on Quality. Gov. Rockefeller, seeking more revenue from state without raising taxes, proposes harness racing season be increased by 26 days, having ten races instead of nine each night. 18 F 11-12
The Prince of Trotters. Kenneth Rudeen byliner on 74-year-old Irishman Charlie Mills (biopers), the most successful trainer, driver of trotting horses in history. p. 13 My 42-53
Plotting Revenge for Hoot Mon. Kenneth Rudeen takeout on Speedy Scot, two-year-old trotter owned by Mrs. Frederick Van Lennep of Castleton Farm may give Trainer Ralph Baldwin (brief biopers, quotes) his first Hambletonian victory; only Kentucky- sired horse to win big race since 1956. p. 20 My 80
Del Miller's Magic Carpet. Kenneth Rudeen reports on synthetic called Tartan, invented by Ted Buehholtz, now used by Del Miller to cover his Pennsylvania harness race track, The Meadows. p. 8 Jl 50-51
A Young Blood in a Lively Old Tradition. Gerald Holland closeup on Norman S. Woolworth who, like Goshen's E. Roland Harriman, is both owner, competitor in world of harness racing. Thirty-six-year-old sportsman heads Clearview Stable in Maine where champion trotters are bred and trained, is also a first-rate amateur driver. p. 15 Jl 20-27
Exodus. Lawrence Sheppard, chairman of Pennsylvania harness racing commission, resigns after three-year battle with Democrats who are more concerned with reaping big profits for well-connected Pennsylvanians and tax office than with welfare of sport. 12 Ag 6
Fair Time at an Old Coal Mine. Thousands attend gay festivities at Du Quoin, Ill. fairgrounds, site of what was once the Black Gold Mine, highlighted by harness racing's greatest event, The Hambletonian. c.p. 26 Ag 28-33
A Colt and a Driver Worthy of the Big Prize. Robert Hackett preview of The Hambletonian spotlights Speedy Scot, Trainer-Driver Ralph Baldwin as the favorites in trotting's top race; reports on horse's unique style and most recent races, other contenders. 26 Ag 33
Trotting's Wondrous Scot. Kenneth Rudeen reports Hambletonian favorite Speedy Scot, driven by Ralph Baldwin, won trotting's finest race in last two heats after upset in first mile completed in record time of 1:57 3/5 by Florlis and Driver Harry Pownall. p. 9 S 22-23
The Elegant Bay of Mrs. Buck. Kenneth Rudeen reports Mrs. Leonard J. Buck's Overtrick, driven by Johnny Patterson, wins Little Brown Jug by beating Country Don and Meadow Skipper in two record-breaking heats against harness racing's fastest pacers. p. 30 S 30-31

Giving Them the Raspberry. Pat Ryan reports Speedy Scot won Kentucky Futurity in straight heats, became second trotter to take harness racing's Triple Crown; three-year-old, driven by Ralph Baldwin, broke world record for a two-heat race, Florlis placed second. p. 14 O 70-72

Riot at Roosevelt. Holders of 82,000 twin-double tickets start riot at Roosevelt Raceway after harness race ruled official despite fact only two of eight horses finished. 18 N 15

End of Era. Harness racing time trial records end as Board of Directors of U.S. Trotting Assn., who wanted to retain them, are defeated at meeting. 23 D 20

Thoroughbred

The Very Irreverent Horse Trainer. William Leggett spotlights 35-year-old Arnold Winick (biopers) who may become the youngest trainer in racing history to saddle winners of over $1 million in purses. p. 4 F 42-44

Sweet Talk About Candy Spots. Whitney Tower reports Owner Rex Ellsworth, Trainer Mish Tenney, team who handled Swaps, anticipates big year for Candy Spots. 11 F 55-57

A Good Colt Is Hard to Find. Whitney Tower quotes Calumet Farm Trainer Jimmy Jones on why more three-year-old colts do not qualify for racing; only noteworthy contenders for Kentucky Derby are Rex Ellsworth's Candy Spots, Captain Harry Guggenheim's Never Bend. 18 F 44-46

The Cowboy Who'd Be King. Whitney Tower reveals how Calif. Rancher Rex Cooper Ellsworth (biopers) became owner of world's largest active racing stable and, with Trainer Mesbach A. Tenney, made it the third in U.S. Thoroughbred history to win a million dollars in one year. p. cov. 25 F 22-30

Moving Toward a Day in May. Two top contenders for '63 Kentucky Derby win races: West's Candy Spots beat Bonjour at Santa Anita; East's Never Bend finished first in exhibition race at Hialeah. p. 4 Mr 18-19

The Big Spill. Whitney Tower's account of Candy Spots' triumph in Santa Anita Derby, tragic four-horse pileup injuring jockeys on Doolin Point, Royal Tower, Denodado, Win-Em-All; Denodado broke two legs, had to be destroyed at track. p. 11 Mr 16-20

It Was Easy for Never Bend. William Leggett reports that Never Bend wins Flamingo Stakes by a big margin, proving he is best of eastern three-year-olds. p. 11 Mr 20-21

Two Colts Go After One Derby. Whitney Tower predicts Kentucky Derby will be a two-horse race between Rex Ellsworth's Candy Spots, Harry Guggenheim's Never Bend. Separate reports on colts' latest activities: Willie Shoemaker on Candy Spots, trained by Mesh Tenney, wins in Florida Derby; Woody Stephens training Flamingo winner Never Bend in Carolinas; pre-Derby races scheduled. p. 8 Ap 18-23

Beauty and the Tax Collector. Belmont Park closes down this season for repairs, its 50 days of racing switched to Aqueduct; repairs could have been made during the off season but Aqueduct will make more money for the state. 22 Ap 8

A Bluegrass Spring. Color photos by John Lewis Stage capture sporting atmosphere and natural charm of Lexington, Ky. where horse-racing fans may visit breeding farms and walking rings at Keeneland track. c.p. 29 Ap 28-32

The Case of the Curious Colt. Whitney Tower takeout on 39th Wood Memorial, No. 1 training ground of Kentucky Derby winners, and its victor, No Robbery. 29 Ap 49

Two Take Dead Aim at Candy. Whitney Tower spotlights "big three," Candy Spots, Never Bend, and No Robbery in preview of 89th Kentucky Derby. p., cov. 6 My 18-20

The Soft Sell Brings a Million-Dollar Gate. Brief statistical report on famous Kentucky Derby, the event that made Churchill Downs one of the most successful race tracks in Thoroughbred industry; Track President Wathen Knebelkamp comments on Derby's popularity. p. 6 My 21

The Derby Victory Prance. Whitney Tower account of amazing performance by John Galbreath's Chateaugay in Kentucky Derby, moving from sixth place at half-mile pole to beat favorites Candy Spots, Never Bend, No Robbery; Jockey Braulio Baeza is first foreign rider to win this Thoroughbred event. p. 13 My 24-29

Act II: Same Cast, New Set. Whitney Tower previews Preakness in which first four finishers in Kentucky Derby—Chateaugay, Never Bend, Candy Spots, On My Honor—will compete again. 20 My 69-70

Candy Spots Wins in the Classic Manner. Whitney Tower lauds Candy Spots' championship performance in colorful Preakness at Pimlico; account of race exciting finish as Willie Shoemaker rode California colt to victory. p. 27 My 22-23

Distance Is the Truest Test. Whitney Tower previews 95th Belmont Stakes to be held at Aqueduct; Candy Spots favored to beat Kentucky Derby winner Chateaugay at European classic distance of mile and a half, victor may be crowned year's three-year-old champion. 10 Je 51

La Dolce Vita. Five-year-old Carry Back will return to racing this fall. 17 Je 20

The Winner Almost Didn't Start the Race. Whitney Tower, William Leggett report why Chateaugay's owners considered scratching him from Belmont Stakes at Aqueduct in which Jockey Braulio Baeza rode the Kentucky Derby winner to victory, beating Bill Shoemaker on Candy Spots by two and a half lengths; Baeza, Shoemaker, John Rotz on Choker, Bob Ussery on Bonjour describe race in their own words. p. 17 Je 26-31

The Campaigner. Heavy racing schedule, Jockey Willie Shoemaker blamed for Candy Spots' poor post-Kentucky Derby performances. 24 Je 8

Whatever Happened to Bill Hartack? Jack Olsen exclusive interview with Bill Hartack whose belligerent behavior, past assaults on sensibilities of trainers and owners are now costing him good mounts. p. 24 Je 12-15, 50

The Pleasure of Keeping Fast Company. M. R. Werner visits four countries — England, France, Ireland, U.S.—to attend world's biggest thoroughbred races; eight-week trip highlighted by Noblesse's exciting Epsom Oaks victory, delayed start at Epsom Derby won by Relko, mystery concerning Relko in Irish Derby won by Ragusa, close finish between winner Sanctus and Signor in Grand Prix de Paris. 15 Jl 44

Seven Doped Horses. Tests taken at random in England during a six-week period revealed seven cases in which racehorses had been given dope. 22 Jl 6

Worried Man with a Frightening Filly. Free-lance Writer Ernest Havemann enjoyed being a racehorse owner until Nubile, his sensational three-year-old filly, became a big-money winner. p. 22 Jl 16-17

13¾ Lengths from Glory. Ernest Havemann's filly Nubile places fourth in the $172,812.50 Delaware Handicap winning $7,250; Waltz Song was the victor in world's richest race for fillies and mares. 5 Ag 8

Centennial for a Horse Town. Paul Davis paintings of members of those families responsible for preserving charm, traditions of Saratoga Springs, famous N.Y. resort celebrating one-hundred years of thoroughbred racing. c.r., c.map. 5 Ag 34-39

Vanderbilt vs. Racing's Establishment. Thoroughbred Owners and Breeders Assn. President Alfred G. Vanderbilt claims members of the Establishment are more concerned with financial profit than welfare of racing industry. p., cov. 12 Ag 18-26

Jack's Back and So Is Carry. Whitney Tower reports that a very confident Jack Price is taking Carry Back out of retirement at stud and putting him back in training. p. 12 Ag 56

The Big Three Looked Mighty Small. Whitney Tower, William Leggett report that Crewman's victory over Chateaugay, Candy Spots and Never Bend in Saratoga's Travers Stakes leaves winner of three-year-old championship unsettled. Jack Price's Carry Back, returning to racing after nine months at stud, finishes second to Gushing Wind in Buckeye Handicap. p. 26 Ag 16-17

The Best Colt Is Still in the Barn. Whitney Tower reports that best two-year-olds absent from Saratoga's Hopeful won by Traffic. Carry Back's racing career feared ended as a strained ligament keeps him out of Washington Park Handicap. 2 S 48-50

The Winner Was the Ruler with Floppy Ears. Whitney Tower account of Golden Ruler's victory in Arlington-Washington Futurity, world's richest horse race, and near-fatal accident involving colt Amastar, Jockey Jimmy Nichols. Winner net Owner Mary Fisher $122,500. p. 16 S 16-17

Two Ladies in Search of the World. Whitney Tower reports on Aqueduct's Woodward Stakes won for third consecutive year by Mrs. Richard C. duPont's Kelso; Horse of the Year to represent U.S. in Laurel International. Carry Back's fourth-place position forced Owner Katherine Price to cancel trip to Paris for Prix de l'Arc de Triomphe. p. 7 O 26-27

A Do-it-yourself Guide to the 2-year-olds. Unofficial Experimental Handicap ratings by Whitney Tower, a projection of what two-year-old thoroughbreds might develop into as three-year-olds, contenders for next year's Triple Crown races; undefeated Champagne Stakes victor Roman Brother, Arlington-Washington Futurity winner Golden Ruler top list. 21 O 62

Too Much of a Bad Thing. Greentree Stable Co-owner John Hay Whitney blames business promoters, tax-hungry politicians for present trend in horse racing toward commercialism at the sacrifice of quality. 28 O 14-15

Move Over, Man O' War. Whitney Tower article spotlights thoroughbred racing's top contender Kelso and his owner, Maryland Sportswoman Mrs. Richard (Allaire) duPont. p. 11 N 36-38

Steinberg at the Races. Portfolio of painting by Saul Steinberg depicts artist's own impressions of thoroughbred racing at track from Paris to Los Angeles. d., c.r. 11 N 40-4

DuPonts—Win and Place. Whitney Tower account of upsets in first and last races o 1963 U.S. racing season: at Laurel; Kelso owned by Mrs. Richard C. duPont defeate by Mrs. Marion duPont Scott's Mongo; a Garden State, Hurry to Market put in clain as best 2-year-old racing. 18 N 67

HORSES See **HORSE RACING; HORSE SHOWS; HUNTING**

HORSESHOE PITCHING See **AAU**

HORSE SHOWS

From the Near East to the Far West. Alice Higgins reports that breeding of Arabian horses is popular in U.S., especially in Arizona where 300 fine animals from 19 state participated in Scottsdale's annual All Arabian Horse Show. 11 Mr 55

Devon Beat the Virus and Kelley Beat the Band. Alice Higgins reports that Devon horse show is a financial, competitive success despite more than a hundred cancellations of entries due to horse-virus epidemic; Grey Aero, ridden by Dave Kelley, won overall championship. p. 17 Je 58-59

Blood in the Ring Again. Alice Higgins takeout on Kansas City's exciting American Royal Horse Show in which 1,400 horses and ponies competed, some suffering from trainer-inflicted injuries which had been covered with dirt and tanbark to fool the judges; performances by Miss Helen, Plainview's Julia. 4 N 58

It Was More Than Your Money's Worth. Alice Higgins reports on fine performances at the New York National Horse Show despite too many entries in each class, spotlights Jacks-or-better and Untouchable owned by Benny O'Meara of Colony Farms. 25 N 92-99

HOUGH, CASS See **GUNS**

HOUSES & HOUSING See **ARCHITECTURE**

HOUSTON COLT .45s See **BASEBALL**

HOUSTON, U. OF See **BASKETBALL—College; GOLF**

HOWE, BURTON See **BRIDGE**

HOWE, MRS. BURTON See **BRIDGE**

HOYT, AUSTIN See **BOATING**

HOYT, LEW See **TRACK & FIELD**

HOYT, NORRIS See **BOAT RACING**

HUDSON RIVER See **BOAT RACING**

HULL, EDGAR See **CONSERVATION**

HUMENUK, BILL See **FOOTBALL—College**

HUMPHREY, GILBERT W. See **AWARDS** 11 N 64-66

HUMPHREYS, DR. CECIL C. See **FOOTBALL—College**

HUNT, LAMAR

See also **FOOTBALL—Professional**

Recruited as a promising flanker in touch football by a group of Texas sports, Kansas City Chiefs Owner Lamar Hunt proves a disappointment when he dropped first few passes because of bad hands. 9 D 64

HUNT, RAY See **BOATS; BOAT RACING**

HUNTING

A Rampart of Pedigree. Huston Horn byliner describes community life, estates, residents in Middleburg, Va. where horse is king, society's leaders enjoy fox hunting at its best. c.d. 11 F 62-70

Upland Shooting Down on Florida's Gold Coast. Virginia Kraft takeout spotlights Bill Bonnette's 24,000-acre game preserve in Palm Beach that has become, in less than one year, one of the finest in U.S. p. 4 Mr 52-55

New Game in New Mexico. Arch Napier takeout on New Mexico's exotic game program headed by Dr. Frank Hibben, anthropology professor at University of New Mexico; controversy over cost, possible consequences. p. 27 My 57-60

Ducks Limited. Federal authorities predict increases in duck population, recommend more liberal hunting regulations; booklet entitled *Ducks at a Distance*, published by Fish and Wildlife Service, is excellent waterfowl identification guide. 19 Ag 8

Makers of the Sports Page. Percy Knauth discusses lives of four men whose literary works on hunting molded the art of sportswriting; article based on John McDonald's book, *The Origins of Angling*. Greek Historian Xenophon's *Cynegeticus*, written 2,500 years ago, is first known study of its kind; Roman Emperor Frederick II loved falconry, *Master of Game* by Edward Plantagenet is most famous book on hunting in English language. c.r. 16 S 34-43

Shooting in Mayo. Portfolio of paintings by Robert Andrew Parker depicts hunting season in Ireland where there are no bag limits and very little land is posted. c.r. 7 O 38-43

Legacy of a French Noah. Jack Olsen takeout on Anticosti Island, haven for deer hunters located off Canada's eastern shore; 100 pairs of whitetail deer imported to the island by

Henri Menier as part of a large shipment of animals. p., cov. 7 O 62-78
A More Sensible Way to Hunt. Former U.S. Diplomat Charles W. Thayer, now owner of a 2,500-acre Bavarian deer-hunting reserve, lauds German system of dividing all hunting land into reserves for sport and conservation purposes. p. 28 O 68-78
Two Doubles a World Apart. William Chapman recalls the two most dramatic bird shots of his life. 25 N 100-114
A Capricious Asian is a Citizen at Last. Virginia Kraft traces the U.S. history of the Himalayan Chukar partridge imported 50 years ago but unsuccessfully bred for hunting until recent years when new hunting grounds in Far West proved most comparable to Asia climate. c.d., p. 9 D 76-79
Finland's President Urko Kekkonen bags fine Russian elk (p.) during hunting expedition in Russia with good neighbor Nikita Khrushchev. 16 D 50

HUNTSMAN, STAN See **TRACK & FIELD**

HURDLING See **TRACK & FIELD**

HURRY TO MARKET (HORSE) See **HORSE RACING—Thoroughbred**

HUTCHINSON, FRED See **BASEBALL**

HYDRO-COIL See **GUNS**

HYDROPLANE RACING See **BOAT RACING**

HYMAN, MERVIN
See also **BASKETBALL**
Compiles weekly college football results: 30 S 61-67; 7 O 51-55; 14 O 58-60; 21 O 51-52; 28 O 60-62; 4 N 54-55; 11 N 57-63; 18 N 57-59; 25 N 79-83; 2 D 60-63; 9 D 71-72.
Scouting Reports. Analyzes strengths and weaknesses of nation's major and small college football teams in Midwest, East, South, Southwest, West. 23 S 47-71

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ICE SKATING
A Cozy Show of Coexistence. Lee Griggs reports that Japan's warm hospitality was extended to all nations represented in World Speed Skating Championships. 4 Mr 49

IDAHO, U. OF See **BASKETBALL—College**

IGLIO, MIHALY See **TRACK & FIELD**

IKEDA, HAYATO
Japan's Premier Hayato Ikeda's daughters Noriko and Sachiko (p.) officially open the world's largest bowling center in Tokyo, Japan. 23 D 94

ILLINOIS, U. OF See **BASKETBALL—College; FOOTBALL—College**

IMLACH, GEORGE (PUNCH) See **HOCKEY**

INDIANA U. See **SWIMMING**

INDIANAPOLIS "500" See **AUTOMOBILE RACING**

INDONESIA See **SPORTS**

INJURIES
An Urgent Matter of One Index Finger. Dodger's left-handed Pitcher Sandy Koufax, in article by Robert Creamer, discusses unusual injury to left index finger suffered during '62 season; although healed, finger's severest test will come during spring training. p., cov. 4 Mr 20-25
The Big Spill. Whitney Tower's account of Candy Spots' triumph in Santa Anita Derby, tragic four-horse pileup injuring jockeys on Doolin Point, Royal Tower, Denodado, Win-Em-All; Denodado broke two legs, had to be destroyed at track. p. 11 Mr 16-20
The Heavyweight Muddle. Robert Boyle, Morton Sharnik discuss chaotic heavyweight championship situation. Sonny Liston injures knee, postpones title fight with Floyd Patterson who is still brooding over outcome of last fight and is on the outs with Manager D'Amato. c.p., p., cov. 25 Mr 12-15
Death of a Champion. Sugar Ramos wins world featherweight championship in a ten-round decision over Davey Moore who died 75 hours later of brain injury; S. I. Reporter Morton Sharnik suggests State Athletic Commission make a scientific investigation. p. 1 Ap 18-21, 79-81
The Step that Changed a Season. Artist Robert Handville, with help of Reporter Robert Creamer, recreates dramatic moment Mickey Mantle ran into an outfield fence breaking a bone in his left foot. c.r. 17 Je 22-23
For the Want of a Warning a Pennant Was Lost. Mickey Mantle, running to catch ball hit by Oriole Brooks Robinson, hooks spikes in mesh of seven-foot centerfield fence breaking bone in his left foot. p. 17 Je 68-71
If It Isn't One M It's Another. James Drake photographs Yankee slugger Mickey Mantle in Joplin, Mo. and family in Dallas home where he is recuperating from foot injury suffered. p. 8 Jl 10-15
The Best Colt Is Still in the Barn. Whitney Tower reports Carry Back's racing career feared ended as a strained ligament keeps him out of Washington Park Handicap. 2 S 48-50
This Death Might Kill Boxing. Robert H. Boyle reports on Maryland's corrupt boxing practices revealed in investigation of Ernie Knox who died of brain hemorrage incurred during fight with Wayne Bethea in Baltimore. p. 28 O 16-21
Blood in the Ring Again. Alice Higgins takeout on Kansas City's exciting American Royal Horse Show in which 1,400 horses and ponies competed, some suffering from trainer-inflicted injuries which had been covered with dirt and tanbark to fool the judges. 4 N 58
The Workmanlike Athlete. Plane crash killing most of California State Polytechnic College football team three years ago continues to have repercussions; contending that scholarship players were employees of Cal Poly, families sought payment from state workmen's compensation fund but failed since California Supreme Court refused to review majority of cases. 25 N 16-19
The Year of the Knees in the NBA. William Leggett reports that many pro-basketball players are having knee trouble, spotlights Cincinnati Royal Jerry Lucas and Los Angeles Laker Elgin Baylor. 25 N 84-85
Now It's Alley Fights on the Ice. Herman Weiskopf reports that rough play has begun to emerge as a formula for hockey victory; serious injuries hospitalize players. p. 23 D 36-37

INNSBRUCK, AUSTRIA See **AUSTRIA**

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Papwa's Championship Play. Ernest Shirley reports that Hindu Sewsunker (Papwa) Sewgolum wins Natal Open and makes political history: as first non-white to hold a South African golf title, he is forced to accept trophy outside Durban's all-white clubhouse. p. 18 F 49
Repeal of the Unwritten Law. MSU's board, after receiving petition signed by students and alumni, voted to allow its basketball team to play in NCAA tournament against Loyola of Chicago, ignoring unwritten law forbidding college to participate in tournaments involving desegregated teams. 18 Mr 10-11
'We Are Grown Men Playing a Child's Game.' Gilbert Rogin closeup on center and co-captain of Boston Celtics Bill Russell, (biopers) includes Russell's observations on Negro-White-crisis and his role in it. p. 18 N 74-90
Progress Report. U. of Mississippi will play U. of Alabama in the Sugar Bowl, creating problems outside the stadium as well as seating segregation. 2 D 14-16

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Photos capture three of today's best baseball catchers in action. 19 Ag 28-32
Photos spotlight the New York Giants defeating the Pittsburgh Steelers for their third straight Eastern Division championship. 23 D 22-27

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IRISH DERBY See **HORSE RACING — Thoroughbred**

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Happily Alone on Frazer's Hog Cay. Pamela Knight reports on vacation home of Richard C. Murphy and family located on Frazer's Hog Cay, in Bahamas. 21 Ja 46-49
Muley's Enchanted Summer. Dolly (Muley) Connelly recalls exciting vacation days shared by entire family on Jervis Island, located in Sabine Channel of Strait of Georgia. c.r. 8 Jl 52-58
Legacy of a French Noah. Jack Olsen takeout on Anticosti Island, haven for deer hunters located off Canada's eastern shore. p., cov. 7 O 62-78

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Banzai Charge to the Top of Old Shiga. Lee Griggs describes, with T. Tanuma's photos, typical week-end of Japanese ski enthusiast. p. 21 Ja 14-17
A Cozy Show of Coexistence. Lee Griggs reports that Japan's warm hospitality was extended to all nations represented in World Speed Skating Championships. 4 Mr 49
Praises Japanese organizers of Tokyo International Sports Week, deliberately scheduled one year before opening of Olympic Games to test problems of crowd control, transportation, housing, athletic facilities. 28 O 64-67
The Heritage of Hiroshige. America's foremost Yachtsman-Author Carleton Mitchell climaxes his career with the first major report on sailing the constal waters of Japan, in the 45-foot cutter Andrea Gail, c.d., c.map. 23 D 106-119

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President Johnson telephones Mrs. Precious Humble, who had been conducting correspondence about sports with the late President Kennedy, asks her to be his guest at the Army-Navy football game. 16 D 50
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The President Who Loved Sport. In tribute to late President John F. Kennedy, SI recalls his participation in and dedication to sports and physical fitness. 2 D 20-21
Arms and the Law. Assassination of President Kennedy and subsequent shooting of Lee Harvey Oswald give further impetus to crusade for registering all firearms. 9 D 15

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Takeout on Platform Tennis. Featuring heated pagoda's and wooden playing surface, game is ideally suited to bad weather. 18 N 46-51
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One Law for All. Michigan Senator Philip A. Hart, head of the Subcommittee on Antitrust and Monopoly, introduces a bill that will put all professional sports under federal antitrust laws. 23 D 16

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Reports that Crewman's victory over Chateaugay Candy Spots and Never Bend in Saratoga's Travers Stakes leaves winner of three-year-old championship unsettled. 26 Ag 16-17
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Prep for 1968. New Olympic development program to start in 1965 proposes that in each non-Olympic year "U.S. Olympics" be held in canoeing, field hockey, rowing, soccer, swimming, track and field, water polo, and yachting, to prepare athletes for Olympic Games. 25 N 27
A Young Team With a Mission. Photo essay by Fred Lindholm focuses on U.S. Olympic Skiing squad in rigorous training under Coach Bob Beattie at Mammoth Mt., Calif. 2 D 22-27
Off Track Betting. U.S. Olympic track and field committee abandons old plan of selecting first three finishers in Olympic trials, only the winner of each event, according to the new plan, can assume that he has made the Olympic team. 16 D 9
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SANTA ANITA DERBY See **HORSE RACING—Thoroughbred**

SANTA CLARA, U. OF See **BASKETBALL—College**

SANTA CLAUS See **SKY DIVING**

SANTEE-COOPER, (S.C.) See **FISHING**

SARATOGA RACETRACK See **HORSE RACING—Thoroughbred**

SATURDAY EVENING POST See **PRESS**

SAUBERT, JEAN See **SKIING**

SCHARDT, ARLIE W. See **HOCKEY**

SCHEFFING, BOB See **BASEBALL**

SCHENKEN, HOWARD See **BRIDGE**

SCHMIDT, HARVEY See **ART**

SCHMIDT, MILT
Doctors who examine astronauts strap specially wired girdle on Boston Bruin Hockey Coach Milt Schmidt to test his reactions during game. Device fails to put Schmidt into orbit but manages to lead Bruins to victory over Black Hawks. 23 D 94

SCHOOLS
See also **SKIING**
Anyone for a Backward Takeoff? Pilot Bill Mauldin discovers that learning to fly a whirlybird can be a difficult and risky undertaking; attended Rotairport, helicopter school in Lexington, Ky., where Chief Instructor Roger Burlew introduced him to the Hughes 269A. c.d. 6 My 68-80
Horseback in the Classroom. Peggy Downey takeout on fine riding program available at Middleburg, Virginia's exclusive Foxcroft School designed to teach young ladies sportsmanship, self-discipline. p. 11 N 24-27

SCHRAMM, TEXAS E. See **FOOTBALL—Professional**

SCHRANZ, KARL See **SPORTS**

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SCOTLAND See **SOCCER**

SCOTT, MRS. MARION DUPONT See **HORSE RACING—Thoroughbred**

SCUBA DIVING
The Human Fish Acquires a Brighter, Tougher Skin. Coles Phinizy reports Voit Rubber Co.'s new protective coating for scuba-diving outfits, commonly called "wet suits," allows the use of color, provides durability of original jet-black suits. c.p. 15 Ap 62-63
Some Signs of Danger in the Air. Duncan Barnes reports Scuba Divers John Light and Palmer Williams suffer dangerous effects of contaminated compressed air inhaled from tanks used while exploring sunken wreck off New Jersey coast. 29 Jl 51

SEADOAGBOB, MANA See **BOXING**

SEBRING GRAND PRIX See **AUTOMOBILE RACING**

SEEDINGS See **SKIING**

SEGREGATION See **INTEGRATION**

SELLERS, IRENE See **BRIDGE**

SENIORS' GOLF TOURNAMENT See **GOLF**

SEWGOLUM, SEWSUNKER (PAPWA) See **GOLF**

SHAD (FISH) See **FISHING**

SHARNIK, MORTON
See also **BOXING**
Closeup on sensational Cincinnati Red Outfielder Frank Robinson. 17 Je 32-44
Spotlights career of Baylor U. Football Coach John Bridgers. 18 N 52-54

SHECTER, LEONARD
Reports on Tony Kubek, speaking out against baseball salaries, schedules, managers, spring training. 13 My 76-92
Closeup on 26-year-old Rubin Carter who learned to use his fists while serving time in reformatories and state prison. 14 O 76-86

SHEEN, FULTON J.
Bishop Sheen (p.) works out daily on the tennis court. 9 D 64

SHEEPSHEAD BAY See **FISHING**

SHENKER, ISRAEL See **TRACK & FIELD**

SHEPPARD, JOSEPH See **BOXING**

SHEPPARD, LAWRENCE See **HORSE RACING—Harness**

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SHIBA DRIVING RANGE See **GOLF**

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SHILSTONE, ARTHUR See **DRAWINGS**
Reports Hindu Sewsunker (Papwa) Sewgolum made sporting history by winning Natal Open with a cross-handed grip. 18 F 49
Previews the Davis Cup matches in Adelaide, Australia. 23 D 98-99

SHOEMAKER, WILLIE See **HORSE RACING—Thoroughbred**

SHOTGUNS See **GUNS**

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SIERRA NEVADA MOUNTAINS See **VACATIONS**

SIKES, DICK See **GOLF**

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SILVER ANNIVERSARY ALL-AMERICA AWARDS See **AWARDS**

SIMON, JOHN See **BRIDGE**

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SIRIUS II (BOAT) See **BOAT RACING**

SISK, TOMMIE See **BASEBALL**

SKIING
See also **CLOTHING** 2 D 46-51; 16 D 48-49; **FOOD**
Millennium for U.S. Ski Racing. Arthur Zich, Joern Gerdts' photos, spotlight U.S. Ski Association's two-week Alpine training camp at Vail, Colo., first in U.S., where Coach Bob Beattie, others prepare 73 of country's best young racers for '64 Winter Olympics at Innsbruck. p. 14 Ja 12-17
A Trip to the Back of Beyond. John Jay's color photo essay captures breathtaking beauty of New Zealand's Mt. Ruapehu and Tasman glacier where Olympic skiing champion Stein Eriksen risked crossing chasms, ice chambers to view glacier's ice formations and snowscapes. cp. 14 Ja 28-35
Banzai Charge to the Top of Old Shiga. Lee Griggs describes typical week end of Japanese ski enthusiast. p. 21 Ja 14-17
A Maestro Tunes His Teen Ski Stars. Mark Kauffman photo essay spotlights Jack Nagel's school for junior slalom racers, ages eight to eighteen, at Washington's Crystal Mountain. Students, including Nagel's own daughters Cathy and Judy, attend week end classes. p., cov. 11 F 24-30
A Swiss Skier Surprises the Austrians. Roy Terrell spotlights Josias Minsch, unknown Swiss auto mechanic who caused biggest upset in pre-Olympic ski meet in Austria by winning the men's downhill. Edith Zimmermann, Gerhard Nenning awarded combined championships. p. 25 F 18-21
Skier on a Slope to Glory. Roy Terrell's byliner on 23-year-old Chuck Ferries (biopers) whose rank among top six slalom racers in the world, a rare U.S. achievement, is attributed to his ceaseless determination and spirit. p., cov. 11 Mr 30-36
Champions by Default. Traveling expenses prevent top skiers from attending the North American Alpine Championships at Stowe, Vt. 25 Mr 10
Joyful School for City Kids. Jean Marquis photographs some of France's 30,000 urban school children enjoying government-sponsored snow classes at chalets in Alps, Pyrenees; during four-week program youngsters study, learn to ski, are exposed to wonders of country living. p. 25 Mr 32-36
Cool Skiing in Sun-baked Alaska. National Alpine Ski Championships at Mt. Alyeska produces an unusual number of outstanding candidates for U.S. Olympic team; Roy Terrell reports on week-long competition spotlights, performances by America's top skiers, Buddy Werner and Jean Sauber, Chuck Ferries, Swiss champ Jos Minsch, Germany's Barbi Henneberger. p. 15 Ap 54-6
New Sugar in an Old State. Huston Horn discusses phenomenal increase in Vermont income due to rapid growth of ski areas. c. 18 N 30-34
Some Spice for the Sugar. Ezra Bowen accounts of a weekend at Sugarbush, Vermont, adapted from the *Book of American Skiing*, spotlights chartered bus ride from N.Y.C., local transport in Sugarbush, party life, and skiing with Peter Estin and his mountain class. d., cov. 18 N 37-44
Olympic Winter in the Tyrol. Tyrolean countryside 1964 Olympic games locale; Dmitri Kessel photographs 12th century Schloss Matzen castle, St. Christoph on the Arlberg Pass, skiers pause on the Seegrube with Innsbruck below and Tuxer Alps in background, Schloss Kropfsberg Castle, Skiers glide on chair lifts in Seefeld, Kitzbuhel at night. a.p. 25 N 48-58
Moguls And Fast Pistes. Detailed report by Roy Terrell on St. Anton and Kitzbuhel, two outstanding ski resorts in Austria's Alpine region; excellent facilities available for after-ski hours and ski instruction. 25 N 53-54
Sauerkraut and Caviar. Austrian ski-resort guide by Fred R. Smith. c. map. 25 N 59-62
A Young Team with a Mission. Photo essay by Fred Lindholm focuses on U.S. Olympic Skiing squad in rigorous training under Coach Bob Beattie at Mammoth Mt., Calif. p. 2 D 22-27
Seeds of Discontent. International Ski Federation announces men's seedings for 1964 racing season noticeably omitting any Americans from first ten. 9 D 15
International Ski Scandal. John Lovesey criticizes Federation Internationale de Ski's Robert Faure's (p.) seedings of U.S. Olympic Alpine team. 16 D 16-17, 65

SKIN DIVING
See also **CLOTHING** 2 D 46-51
Smaller and Better Eyes for the Human Fish. Coles Phinizy reports on a novel contact lens that enables divers to see as well underwater as they do in the air; the lenses, invented by Captain Edward Beckman will probably never wholly replace the face mask because of the high cost, Dr. Grant and Marcie Farris test lens underwater. p. 16 D 62-64

SKY DIVING
Ski Diver Ron Young, scheduled to arrive via parachute to play Santa Claus at a San Francisco shopping center, is blown into bay by stiff wind, rescued by passing surfers. 23 D 94

SMITH, C. ALPHONSO See **TENNIS**

SMITH, FRED R.
Suggests variety of foods to prepare, cook over open fire and still enjoy full day of skiing. 7 Ja 38-39
Tourist guide to Caribbean islands. 21 Ja 42-45
Fashion news on summer sportswear for men, women. 20 My 72-79
Reports on the new look in summer homes created by Architect Andrew Geller for Manhattan apartment dwellers. 29 Jl 40-45
Reports that hotel accommodations, tickets are still available to those who would like to attend Olympic Games in Innsbruck, Austria. 12 Ag 52
Austrian ski-resort guide. 23 N 59-62
Report spotlights Richard Pinkham's compact four-level ski house. 16 D 44-47
Sportsman-traveler's Olympic-year guide to the Orient. 23 D 86-93

SMITH, HARRY See **BOWLING**

SMITH, MARGARET See **TENNIS**

SMITH, RAY See **CAMPING**

SMITH, RED See **FISHING**

SMITH, VERTNER DeGARMO, SR. See **BUSINESS** 11 Mr 62-70

SNEAD, SAM See **GOLF**

SNELL, PETER See **TRACK & FIELD**

SNIDER, EDWIN D. (DUKE)
See also **BASEBALL**
New York Met Outfielder Duke Snider quoted on a good year, not for the Mets, but for the fine crop of avocados coming up on farms around Fallbrook, Calif., where Duke is president of the Chamber of Commerce. 16 D 50

SNYDER, JIMMIE (THE GREEK) See **GAMBLING**

SOCCER
Soccer's Religious Civil War. Violence, prejudice have dominated Scotland's annual soccer game between Catholic Celtics and Protestant Rangers since 1909, but now matches have deteriorated into a form of war; Gerry

Cranham's photos show unruly spectators during, after game. Root of trouble is Rangers' refusal to allow Catholics on team; Celtics have non-catholic players. p. 14 Ja 18-20
Happy Afternoon at Wembley. Over 100,000 spectators attended soccer centenary celebration at London's Wembley Stadium where the home team beat players from ten other nations. 4 N 10-13

SOCIETY See HUNTING
SOLOVIOFF, NICHOLAS See ART
SOREL, EDWARD See DRAWINGS
SOTA, RAMON See GOLF
SOUTH AFRICA, UNION OF See GOLF
SOUTHEASTERN CONFERENCE See FOOTBALL—College
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SOUTHERN CALIFORNIA, U. OF See FOOTBALL—College; TENNIS; TRACK & FIELD
SOUTHAMPTON, N.Y. See TENNIS
SOVEREIGN (BOAT) See BOAT RACING
SPAHN, WARREN See BASEBALL
SPECTATORS See FANS
SPEEDY SCOT (HORSE) See HORSE RACING—HARNESS
SPELUNKING
Exploit Sportif. Ken Pearce leads team of twelve volunteers into world's deepest known cave, Le Gouffre Berger to set world's descent record. 19 Ag 8-11
SPIRIT OF AMERICA (AUTOMOBILE) See AUTOMOBILE RACING
SPORTS
Vintage Year for Champions. Thirteen-page photo essay spotlights '62 champions, runners-up who helped create decisive moments in sport: Bus Mosbacher, Willie Mays, Rod Laver, Jock Sturrock, Sir Frank Packer, Archie Robertson, Murray Rose, Jack Nicklaus, Maury Wills, Ronnie Ferraro, Roger Penske, Valeri Brumel, Edison Arantes do Nascimento, Karl Schranz, Marianne Jahn-Nutt, Yves Saint-Martin, Joanne Gunderson, Yolanda Balas, Jutta Hein. c.p., p. 7 Ja 22-34
The Decorous Sportsman. Brief excerpts from chapter in *Amy Vanderbilt's New Complete Book of Etiquette* devoted to decorum in sport. c.d. 18 F 8
The Bible of the Barbershop. Marvin Weisbord's close-up on Richard Kyle Fox (biopers) who, as editor of the *Police Gazette*, ingeniously transformed the trashy journal into an exciting, colorful sporting paper. r. 18 F 54-61
Red Glow Over Tokyo. UNESCO Youth Institute seminar, to be held in Germany, will discuss problem of sports and politics. 13 My 17
The Moral Force of Sport. Article by Peace Corps Director Sargent Shriver on sport as an international language, using it to build character, strong bodies, national pride as opposed to fame and wealth favored by some U.S. athletes. p. 3 Je 30-31, 62-63
A Lot of Gold in 48 Hours. Weekend of sports nets wealth, prestige for top competitors in horse racing, golf, baseball, pro-football and tennis: Mary Fisher's Golden Ruler wins $352,000 Arlington-Washington Futurity, TV's World Series of Golf awards $50,000 first prize to Jack Nicklaus, Dodgers move closer to World Series after three-game series with Giants, 90,000 fans view first four AFL games and Rafael Osuna takes U.S. national championship. p. 16 S 14-15
The True Crisis. John Underwood contends pure sport is healthier than ever despite scandals, but quality of commercial sports decaying because managers and participants have focused their interest on financial profit. c.p., cov. 20 My 10-19, 83
Open Letter to a College President. Former Princeton All-America Dick Kazmaier presents his views on the present inbalance between intercollegiate sports and educational standards existing at certain universities to Ohio University President Dr. Vernon Alden. p. 14 O 57-58.
The Bookies of Doom. Dan Jenkins explores profitable business of sports insurance; pro and amateur athletes' disability and death insurance, as well as policies covering various aspects of sports are available. c.d. 4 N 36-42
Politics Makes Strange Sport. Indonesia's lack of an official invitation gives Japan sufficient reason to refuse participation in Games of the New Emerging Forces at Jakarta. 25 N 16
The President Who Loved Sport. In tribute to late President John F. Kennedy, editors recall his lifelong dedication to and participation in sports. 2 D 20-21
Sukarno's Lavish Ganefo Was Mostly Snafu. T. Peter Ross reports on disastrous Games of the New Emerging Forces hosted by Indonesia's Sukarno in Jakarta, cites disorganization, inferior quality of participating athletes. p. 2 D 28-31
Sport in the Orient. Photo essay by David Moore spotlights sport in the Orient. 23 D 38-50
A Union of Two Worlds. American Ambassador to Japan, Edwin O. Reischauer discusses the diverse influences in Eastern and Western sport that will coalesce next fall when the Olympic Games begin in Toyko. 23 D 51-54
Living Link to the People. Photo essay by Jerry Cooke spotlights Asia's sports-minded statesman: Philippine President Diosdado Macapagal playing pool, Japan's Crown Prince Akihito playing tennis, Malaysia's Prime Minister Tunku Abdul Rahman playing golf, Hong Kong Governor Sir Robert Brown Black hiking. p. 23 D 56-59
High Scorer with Either Hand. Alfred Wright's textpiece profiles Cambodia's sportsman Prince Norodom Sihanouk (p.) who encourages his people's participation in all sports activities; welcome presence of U.S. sportsmen in Cambodia; coaches cited; athletes stage games for visiting Prince Sihanouk. p. 23 D 60-65
SPORTSCASTERS
In Miami Nearly Everybody Hates Clure Mosher. John Underwood byliner on Clure (Scrooge) Mosher (biopers), WCKT's outspoken, rude, opinionated sportscaster whose TV-debates with athletes, newspaper columnists have made his program the most popular in Miami. p. 15 Jl 54-64
'El As' Is the Voice of America. Robert H. Boyle byliner on Broadcaster-Journalist Eli B. (Buck) Canel (biopers), a New Yorker known and loved by Latin Americans as "the ace (el as) of sports broadcasters"; enjoys second career as news editor for Agence France-Presse. p. 14 O 33-40
SPORTS ILLUSTRATED
Sportsman of the Year: Terry Baker. Alfred Wright's byliner on Scholar-Athlete Terry Baker (biopers), Oregon State's amazing quarterback, basketball player, perfectionist chosen by SPORTS ILLUSTRATED as Sportsman of the Year. p., cov. 7 Ja 16-21
A Tie for the Top and a Tribute to Bonnie. Jo Ahern Zill takeout on winners of 1963 SPORTS ILLUSTRATED Design Awards; all feature simple, free-moving styles; Ellen Brooke and Rudi Gernreich share Sporting Look Award, Bonnie Cashin voted Designer of the Year. p. 6 My 48-50
SPORTS ILLUSTRATED reveals its selection for National and American League All-Star teams, lists batting order with three pitchers, a relief pitcher for each. 1 Jl 7
Winning Team for a Losing Town. Reports that Los Angeles, new U.S. Intercity Bridge champions, wins SPORTS ILLUSTRATED trophy after defeating Minneapolis-St. Paul team. c.r. 5 Ag 43
SPORTS ILLUSTRATED grateful to twelve distinguished Americans who contributed valuable time to the judging of 71 candidates for this year's Silver Anniversary All-America Awards. 11 N 4
They Met the Challenges of a Changing Era. Brief sketches by Robert Cantwell of the 25 winners of SPORTS ILLUSTRATED's Silver Anniversary All-America Awards; college-football heroes selected for outstanding achievements. c.d. 11 N 64-66
A Very Hard Look at Football. 1963 Silver Anniversary award winners compare the value of college football today with the 1938 version. c.p., p. 2 D 38-44

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Clay, Cassius, Heavyweight Boxer. 10 Je 18
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The ABCs of Squash Racquets. University of Pennsylvania's Al Molloy, one of nation's top teaching pros, with Rex Lardner, offers beginners a primer on how to play, watch squash. d. 7 Ja 40-45
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SURFACE, BILL See GOLF
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SURFING
Riders of the Surging Sea. Coles Phinizy spotlights Richard Wyman Grigg as one of Hawaii's fanatic surfers in search of bigger waves, better rides. c.r. 18 F 26-30
SUTCLIFF, ELBERT GARY See BUSINESS 11 Mr 62-70
SWAMPS
Minks, Shrews and Men in a Winter Swamp. Bil Gilbert's trip to Cranesville (W.Va.-Md. border) swamp with two other amateur mammalogists in search of northern water shrews is highlighted by unique experience of observing, unobserved, wild minks in the snow. c.d., d. 18 Mr 38-44
SWIMMING
A Gray-flannel Emigre from the East Builds an Empire Out West. Coles Phinizy reveals why New Yorker Peter Daland (biopers) became a swimming coach, moved to Calif. p. 25 Mr 43-49
Four Wild Days and Nights at Yale. Rex Lardner reports on the National AAU swimming championships at Yale won by Indiana, Chet Jastremski taking three individual events. p. 1 Ap 67
SYNTHETICS
Shipshape in the Beach House. George O'Brien reports on new synthetic fabrics and materials in vivid colors, designs made to withstand the elements that are known to destroy beach-house interiors. c.p. 3 Je 48-49
Del Miller's Magic Carpet. Kenneth Rudeen reports on synthetic called Tartan, invented by Ted Buchholtz of Minnesota Mining and Manufacturing Co., used by Del Miller to cover his new Pa. harness race track, The Meadows. p. 8 Jl 50-51
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TAXATION
The Intolerable Squeeze. Dr. Albert Hammond, philosophy professor at Johns Hopkins University, discusses how state increases in the take at race tracks are affecting racegoers, especially $2-bettors. p. 6 My 34-47
Death by Taxes. Southampton tennis tournament will not be held this year because of withdrawal of sanction by U.S. Lawn Tennis Assn. resulting from Meadow Club's refusal to pay 5% of all money received as demanded by USLTA. 22 Jl 8
Senator Paul Douglas gives luke warm endorsement to Philadelphia Eagle Pete Retzlaff's proposal that the new tax bill allow pro athletes deductions for stamina depletion. 16 D 50
TAYLOR, BILL See BOWLING
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TEACHER TROPHY See GOLF
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TELEVISION
Fascinating World of Galleries. Hal Power's color photo essay spotlights distinctive galleries, picturesque and intriguing golf courses around the world as viewed on NBC-TV series, *Wonderful World of Golf*. c.p. 11 F 38-45
Fitness Takes a Beating on Television. Houston Horn visits gym for shooting of TV drama starring Ricardo Montalban and Lee Marvin. p. 1 Ap 84-98
Lords of Fun and Games. Gilbert Rogin byliner on Mark Goodson (biopers) and Bill Todman (biopers), the two ingenious men responsible for inventing, producing TV's most popular game or audience-participation shows. p. 24 Je 52-60
In Miami Nearly Everybody Hates Clure Mosher. John Underwood byliner on Clure (Scrooge) Mosher (biopers), WCKT's outspoken, rude, opinionated sportscaster whose TV-debates with athletes, newspaper columnists have made his program the most popular in Miami. p. 15 Jl 54-64
Prime Viewing. In January N.B.A. will sponsor television coverage of pro-basketball games. 29 Jl 8
Stratford on 50-Yard Line. Marc Simont's drawings depict rabid Giant fans viewing home games at Yankee Stadium in Connecticut motels and motor inns because of New York metropolitan TV blackout. c.d 25 N 32-35
TENNEY, MESBACH (MESH) See HORSE RACING—Thoroughbred
TENNIS
See also CLOTHING 2 D 46-51; TAXATION
The Egg and the Net. Roger S. Hewlett disagrees with USLTA officials who believe spectator tennis, despite its lack of drama and excitement, will survive because participant tennis is flourishing around the world. p. 18 F 14-17
Right Foot Forward: Dick Bradlee, tennis tutor and author of *Instant Tennis, A New Approach*, accuses experts of teaching fundamentals which are opposite to the way they play, the correct way. 25 F 10
A Big Word for a Small Boy. Frank Deford spotlights National Junior Singles Champion Mike Belkin whose sensational tournament record, acquired on a clay tennis court, could be duplicated on grass. p. 18 Mr. 57-59
Charlie's Seventh Heaven. Alfred Wright spotlights former Hollywood Actor Charles Farrell (biopers) who founded the exclusive Palm Springs Raquet Club, a tennis haunt frequented by celebrities. p. 15 Ap 36-46
A One-two Punch for the Prettiest. William F. Talbert discusses, Coby Whitmore's paintings illustrate, the drop shot and lob, two tennis strokes designed to keep one's opponent on the run. c.r., diag., cov. 15 Ap 48-53
An Aussie for the Future. Frank Deford spotlights 17-year-old Anthony D. Roche (biopers), Australia's hottest tennis prospect now touring as member of its Official Overseas Team. p. 29 Ap 55-57
Amity. Iran paying U.S. Davis Cup team's transportation to and/from matches at new stadium in Tehran in gratitude to C. Alphonso Smith, U.S. tennis-playing government official, who was able to get Iran into American zone draw. 10 Je 14
Women of the World, Rejoice! John Lovesey reports that women from sixteen nations will compete in London for the first female international tennis championship; International Lawn Tennis Federation in Paris approved USLTA committee member Mary Hardwick Hare's idea to enlarge scope of the Wightman Cup, contested only by Britain and U.S., voted trophy to be known as the Federation Cup. 17 Je 54-57
Tennis with Feeling. Pancho Gonzalez, returning to pro-tennis tour after two-year absence, has been suspended by Tony Trabert from the International Professional Tennis Players Assn. for signing a $35,000 TV contract. 1 Jl 9-10
Trojan Triumph Over Troy. Frank Deford account of 79th NCAA tennis championships dominated by Coach George Toley's University of Southern California team; spotlights doubles match in which Dennis Ralston and Rafael Osuna defeated fellow Trojans Ramsey Earnhart and Bill Bond, semi-final between Ralston and UCLA's Arthur Ashe. p. 1 Jl 40-41
A Legend Dies on the Court. Walter Bingham takeout on tragic comeback of 35-year-old Pancho Gonzalez, once world's most exciting tennis player, in U.S. Professional Grass Court Championships at Forest Hills. p. 8 Jl 18-19
Better Than Fancy Pants. John Lovesey reports that the Wimbledon tennis championships are enlivened by performances of two Americans, Chuck McKinley and Billie Jean Moffitt. Despite impressive victories over world's best, Moffitt lost championship match to Australia's Margaret Smith. p. 15 Jl 12-15
U. S. Tennis Is Back on the Center Court. Davis Cup players Chuck McKinley, Dennis Ralston increase U.S. hopes for a final match against Australia, Cup holder. 26 Ag 8-9
Dennis Is His Own Menace. Jack Olsen byliner on 21-year-old tennis sensation Dennis Ralston (biopers) star of U.S-Mexico Davis Cup matches. p., cov. 26 Ag 10-15
They Waited a Year to Get Their Revenge. William F. Talbert account of exciting U.S.-Mexico Davis Cup matches won by Chuck McKinley and Dennis Ralston over Mexican team of Rafael Osuna and Antonio Palafox; excellent coaching by Pancho Gonzalez partly responsible for U.S. victory. 26 Ag 13
It Was Anybody's Championship. . . Walter Bingham reports that Mexican Davis Cupper Rafael Osuna lobbed his way to victory in national tennis championship finals against unseeded Frank Froehling, first U.S. finalist since 1955; top seeded players—Australia's Roy Emerson, Dennis Ralston and Chuck McKinley of U.S.—suffer early defeats. p. 16 S 22-25
Not Quite All Right, Jack. Robert Ball reports that Britain's hopes of reclaiming old-time stature in international tennis are crushed by America's Chuck McKinley, Fran Froehling and Dennis Ralston in Davis Cup matches against Mike Sangster, Billy Knight and Bobby Wilson; highlights of singles, doubles events. p. 7 O 56-58
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On the Run from Dogs and People. Long-distance Runner Hal Higdon gives a participant's view of famous Boston Marathon, cheering, harassment, problems encountered along 26-mile 385-yard route. c.r., r. 15 Ap 76-90

Everybody Runs to Boston. Walter Bingham takeout on 67th Boston Marathon in which 245 runners, including some of world's top marathoners, attempted to finish the 26-mile 385-yard course from Hopkinton to Boston; Ethiopians Abebe Bilika, Mamo Wolde favored to win, but Aurele Vandendriessche of Belgium beat them to finish line in record time. p. 29 Ap 12-17

Yang of China Is World's Best Athlete. Article by Tex Maule on exciting Mount San Antonio Relays in Calif. spotlights dramatic performance by UCLA Senior C. K. Yang of Formosa who beat decathlon record by 438 points. p. 6 My 26-27, 66-67

A Classic Foursome in the Vale of Tempe. Report by Tex Maule on four Arizona State University students—Mike Barrick, Henry Carr, Ron Freeman, Ulis Williams—who, coached by Baldy Castillo, set a new world mile-relay record at Mount San Antonio Relays in Calif. p. 13 My 59-62

How a Man of Spirit Wrecked Igloi's Computer. Tex Maule spotlights Peter Snell's winning performance in big mile race at Modesto, Calif.; New Zealander outsmarts carefully timed system devised by Coach Mihaly Igloi for Los Angeles Track Club, beats Jim Beatty and Jim Grelle of LATC, Cary Weisiger to finish. c.d. 3 Je 26-29, 60

A Big, Shy Man Who Likes to Think. Barbara Heilman closeup on World Champion Discus Thrower Al Oerter, who will defend his world record of 205 feet 5½ inches at AAU championships in St. Louis. p. 17 Je 60-67

Class Wins Over Mass at Albuquerque. Tex Maule takeout on 42nd NCAA track and field championships won by Coach Vern Wolfe's USC team over Oregon, Arizona State, Villanova, Stanford with total of 52 points, all scored by Julio Marin, Rex Cawley, Lew Hoyt. 24 Je 46-47

Our Swiftest Are the Best Anywhere. Tex Maule reports that the AAU championships in St. Louis produce the finest U.S. track team in history. Neil Leifer's photos spotlight performances by Bob Hayes, Ulis Williams, Tom O'Hara, Dyrol Burleson, Henry Carr, Paul Drayton. 1 Jl 22-25

Decathlon Recount. The extraordinary pole vaulting score of UCLA's C. K. Yang will be reduced if International Amateur Athletic Federation's new decathlon point scale for '64 Olympics is adopted. 8 Jl 6

They Could Be Good If They Tried. Israel Shenker account of U.S.-U.S.S.R. track meet at Moscow's Lenin Stadium where America's trackmen, boasting of athletic superiority, won 119-114, the closest meet yet. p. 29 Jl 18-19, 54-55

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Alone at the Top of the Mark. Photo taken directly beneath crossbar captures moment Pole Vaulter John Pennel dropped fiberglass pole, cleared bar to become first person to go over seventeen feet. p. 2 S 16-17

Why Can't We Beat This Girl? Poor showing by U.S. women's track and field teams in international competition attributed to popular notion that track sports are not feminine, poor coaching methods; Neil Leifer photos show European athletes are young, attractive women: Russia's Valentina Masslovskaya and Galina Popova, Elizabieta Szyroka of Poland, West Germany's Jutta Heine. c.p. 30 S 54-57

The Light (Torch Division) That Failed. Account of Olympic Torch Relay from Los Angeles to Michigan by Hal Higdon, University of Chicago Track Club member who participated in publicity stunt directed by Wayne Klein and devised to persuade the International Olympic Committee to choose Detroit host of 1968 Games. d. 4 N 47-49

Rhythm: Transocean and Land. Experiments conducted by Stan Huntsman, cross-country coach at Ohio University, reveal that bodily rhythms of athletes are affected by the time of day they practice for contests. 25 N 20, 27

Off Track Betting. U.S. Olympic track and field committee abandons old plan of selecting first three finishers in Olympic trials, only the winner of each event, according to the new plan, can assume that he has made the Olympic team. 16 D 9

The Cobra and C. K. Yang. Robert Creamer reports on the world's best athlete (biopers) of track and field fame who is predicted to win the Olympic Games decathlon. p., cov. 23 D 66-77

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Biggest, Loudest Show in U.S. Sport. Virginia Kraft takeout on the Grand American Trapshoot in Vandalia, Ohio; won by 61-year-old Albert G. Kees. p. 9 S 26-33

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Six Characters in Search of Summer Cruise a Warm Winter Sea. Roy Terrell, Photographer Richard Meek, their wives and another couple charter luxury yacht, *Eleuthera II*, for a leisurely sail of the Windwards, beautiful West Indies islands: St. Lucia, St. Vincent, Grenada, Grenadines; charter facts. c.p., p., c.map. 21 Ja 18-29

Hideaway in Mexico's Sun. Richard Oulahan describes, Art Kane's photographs capture charm, beauty of Puerto Vallarta, small Mexican fishing village discovered by more tourists every year. c.p., c.map, cov. 21 Ja 30-41

Travel Facts: Offbeat in the West Indies. Fred R. Smith's tourist guide to Caribbean islands: Caymans, Jamaica, Haiti and Dominican Republic, Puerto Rico, Virginia Islands, Antigua, Martinique, Guadeloupe, Grenadines,, Barbados, Tobago, Trinidad, Dutch West Indies. c.d. 21 Ja 42-45

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A New Way to Find Our Lost Frontier. Robert Cantwell describes several beautiful, undeveloped campsites available to U.S. travelers. c.p., c.d. 20 My 32-39

Mr. Blitz and the Total Vacation Game. Gilbert Rogin, with Photographer Joern Gerdts, visits a vacation village on South Sea island of Moorea, one of 27 operated by the Club Méditerranée, an extremely profitable enterprise founded by Belgian Gérard Blitz (biopers) for sole purpose of giving its clientele low-cost, carefree holidays, numerous sporting activities to compensate for lack of material comfort: travel facts. p., c.p. 1 Jl 48-59

East of The Race and West of the Cape. Carleton Mitchell guides famed racing yawl *Finisterre* on a cruise to Nantucket, visiting Fishers and Block Islands via the The Race, traveling on to inspect tiny coves, villages of the Elizabeth Islands; Nicholas Solovioff's paintings depict tour of Mass. waters where American yachting began. r., c.r., c.map. 22 Jl 46-54

High Road to a Wild Paradise. Robert Cantwell describes scenic beauty, adventure, solitude that awaits travelers of the Pacific Crest Trail. Clinton Clarke, Robert Marshall spotlighted as key figures in trail's history. c.p., p., map. 5 Ag 48-55

The Winter Olympics. Fred R. Smith reports hotel accommodations, tickets are still available to those who would like to attend Olympic Games in Innsbruck, Austria; lodging rates, transportation, ticket prices. p. 12 Ag 52

Colorado Jackpot. Jack Olsen describes fishing trip along the Colorado River from Las Vegas to El Golfo, Mexico; strange creatures inhabit cliffs, buttes of this winding river rich in oversized bass, trout, minnows and turtles. Account of auto trip through hot desert to town of El Golfo where angler hoped to catch mysterious fish called the totuava. c.d. 2 S 52-59

Sauerkraut and Caviar. Austrian Ski-resort guide by Fred R. Smith. c. map. 25 N 59-62

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Captures Nancy Poulsen and teammates of Dick Smith Swim Gym in Phoenix demonstrating springboard diving. 29 Jl 32-37

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